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TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CaPlus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEADLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS EXPRESS			MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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09/762,106 Thomas McKenzie

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 12:56:10 ON 20 MAY 2004

=> file reg

FILE 'REGISTRY' ENTERED AT 12:56:37 ON 20 MAY 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

DICTIONARY FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

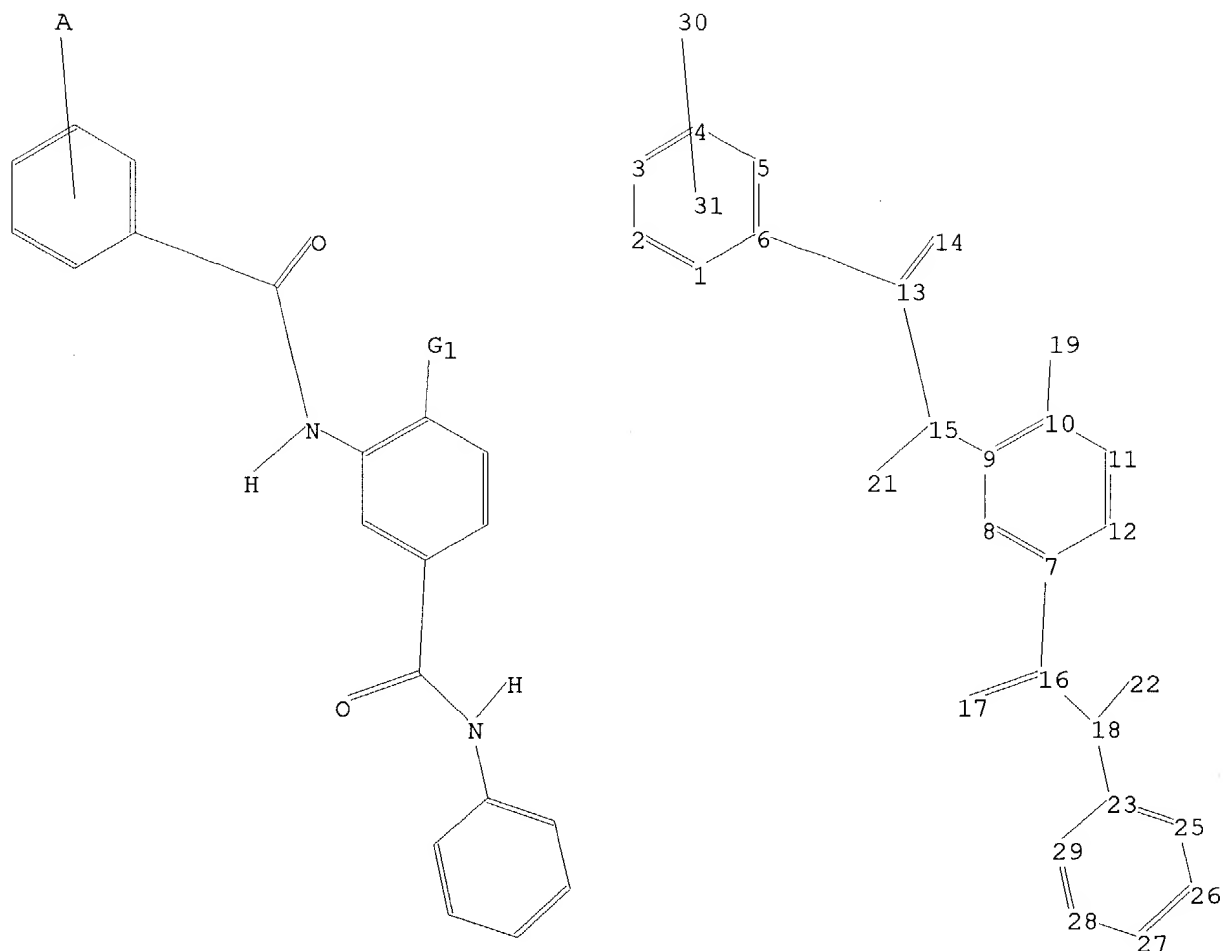
Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09762106.str



chain nodes :  
 13 14 15 16 17 18 19 21 22 30  
 ring nodes :  
 1 2 3 4 5 6 7 8 9 10 11 12 23 25 26 27 28 29  
 chain bonds :  
 6-13 7-16 9-15 10-19 13-14 13-15 15-21 16-17 16-18 18-22 18-23  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29  
 25-26 26-27 27-28 28-29  
 exact/norm bonds :  
 9-15 10-19 13-14 13-15 16-17 16-18 18-23  
 exact bonds :  
 6-13 7-16 15-21 18-22  
 normalized bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29  
 25-26 26-27 27-28 28-29  
 isolated ring systems :  
 containing 1 : 7 : 23 :

G1:CH3,Cl

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
30:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 12:58:39 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 400 TO ITERATE

100.0% PROCESSED 400 ITERATIONS 23 ANSWERS  
SEARCH TIME: 00.00.01

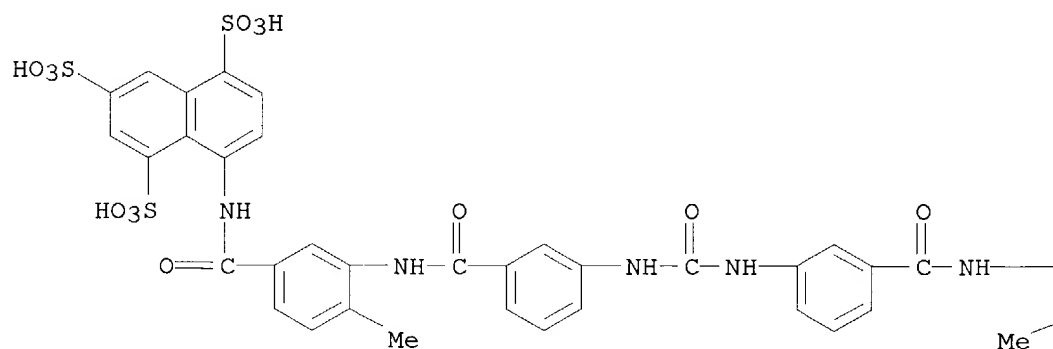
FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 6801 TO 9199  
PROJECTED ANSWERS: 173 TO 747

L2 23 SEA SSS SAM L1

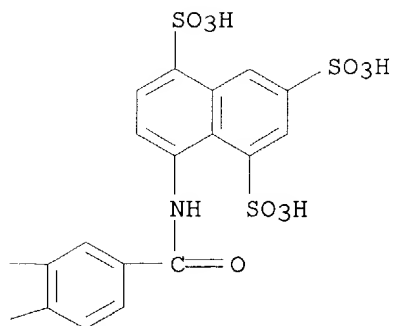
=> d scan

L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-4,1-  
phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, labeled  
with tritium, hexasodium salt (9CI)  
MF C51 H40 N6 O23 S6 . 6 Na

PAGE 1-A

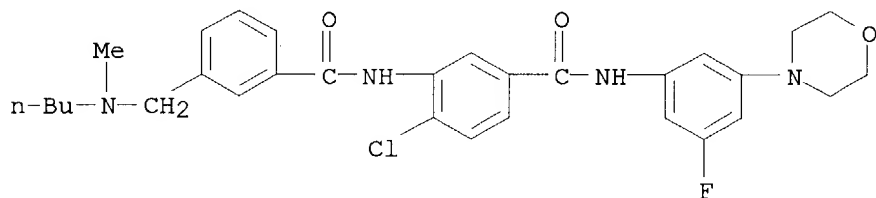


● 6 Na



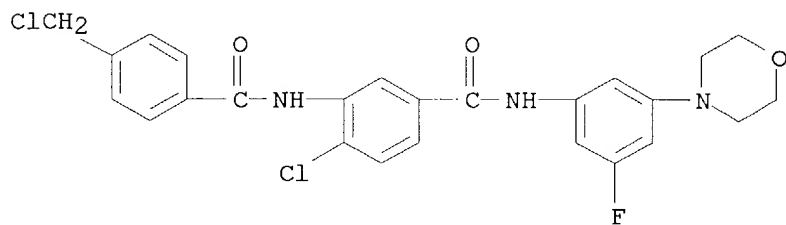
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzamide, 3-[[3-[(butylmethylamino)methyl]benzoyl]amino]-4-chloro-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)  
 MF C30 H34 Cl F N4 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 23 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
 IN Benzamide, 4-chloro-3-[[4-(chloromethyl)benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)  
 MF C25 H22 Cl2 F N3 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full

FULL SEARCH INITIATED 12:59:15 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 7702 TO ITERATE

100.0% PROCESSED 7702 ITERATIONS 412 ANSWERS  
SEARCH TIME: 00.00.01

L3 412 SEA SSS FUL L1

=> file caold

FILE 'CAOLD' ENTERED AT 12:59:22 ON 20 MAY 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1907-1966  
FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l3

L4 17 L3

=> d 1-17 str bib

'STR' IS NOT A VALID FORMAT FOR FILE 'CAOLD'

The following are valid formats:

ALL ----- AN, TI, AU, PA, DT, IT, PI (default)  
BIB ----- AN, TI, AU, PA, DT, PI  
CAN ----- List of CA abstract numbers, no L-number headers  
CBIB ----- AN, TI, AU, PA, PI  
DALL ----- ALL, delimited (end of each field identified)  
IND ----- Indexing data  
MAX ----- Same as ALL  
SAM ----- TI, IT  
SCAN ----- TI, IT (random display, no answer numbers;  
SCAN must be entered on the same line as the DISPLAY,  
e.g., D SCAN or DISPLAY SCAN)  
STD ----- BIB  
  
IALL ----- ALL, indented with text labels  
IBIB ----- BIB, indented with text labels  
ISTD ----- STD, indented with text labels  
  
HIT ----- Fields containing hit terms  
HITIND -- IT

HITRN --- HIT RN  
HITSTR -- HIT RN, its CA index name and its structure diagram  
FHITSTR - First HIT RN, its CA index name and its structure diagram  
OCC ----- Number of occurrence of hit term and file ld in which it occurs

Index Terms (IT) are CAS Registry Numbers; Accession Numbers (AN) CA References.

Index Terms in CAOLD include only Registry Numbers; no subject terms are available. The same formats (except SAMPLE) may be used with the DISPLAY ACC command to display the record for a specified CAOLD Accession Number.

PAGE ----- Page Image of original Chemical Abstracts issue containing the abstract of the answer.

PAGE.PREV and PAGE.NEXT will return the image of the page before or after the current answer.

ENTER DISPLAY FORMAT (ALL):hitstr ibib

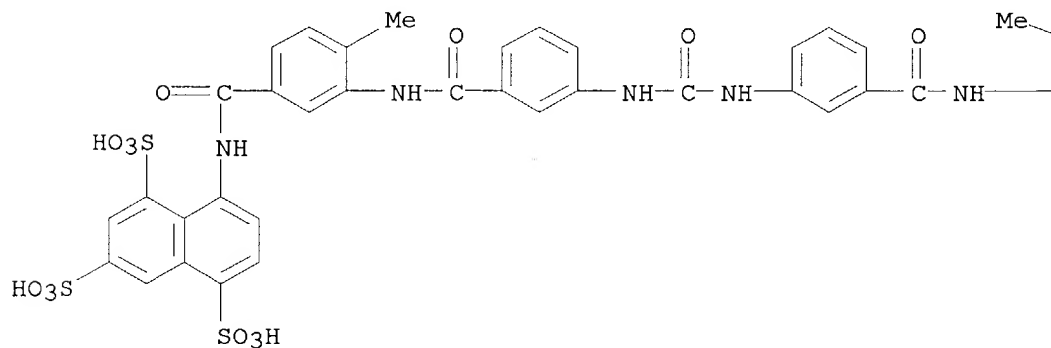
L4 ANSWER 1 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

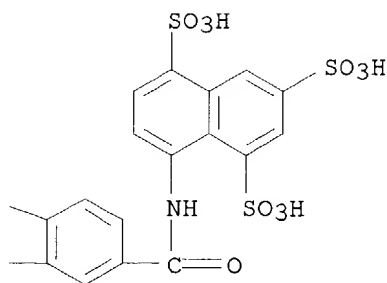
IT **145-63-1**

RN 145-63-1 CAOLD

CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI)  
(CA INDEX NAME)

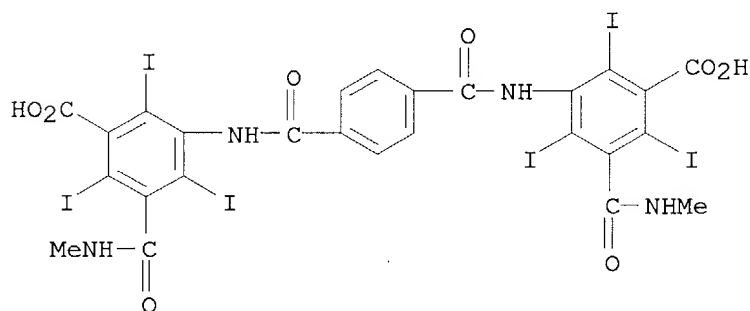
PAGE 1-A





ACCESSION NUMBER: CA65:15936e CAOLD  
 TITLE: paroxysmal nocturnal hemoglobinuria-inhibition of hemolysis  
 by germanin, heparin, and heparinoids  
 AUTHOR NAME: Schmid, Hans J.

L4 ANSWER 2 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **13013-78-0**  
 RN 13013-78-0 CAOLD  
 CN Isophthalamic acid, 5,5'-(terephthaloyldiimino)bis[2,4,6-triiodo-N-methyl-  
 (7CI, 8CI) (CA INDEX NAME)



ACCESSION NUMBER: CA65:13620a CAOLD  
 TITLE: 3,4',5-tribromosalicylanilide  
 PATENT ASSIGNEE: Dow Chemical Co.  
 DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE
FR 1431689		

PI FR 1431689

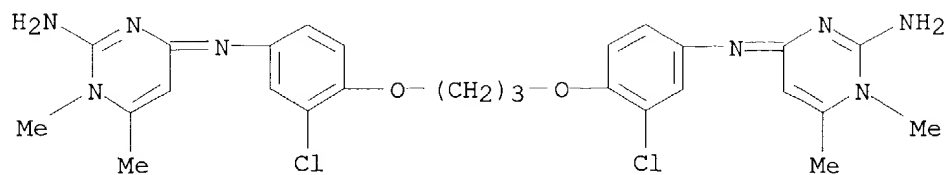
L4 ANSWER 3 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **5225-98-9**  
 RN 5225-98-9 CAOLD  
 CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-  
 phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, compd.  
 with 4,4'-[1,3-propanediylbis[oxy(3-chloro-4,1-phenylene)nitrilo]]bis[1,4-  
 dihydro-1,6-dimethyl-2-pyrimidinamine] (1:3) (9CI) (CA INDEX NAME)

CM 1

CRN 108038-04-6



CMF C27 H30 Cl2 N8 O2

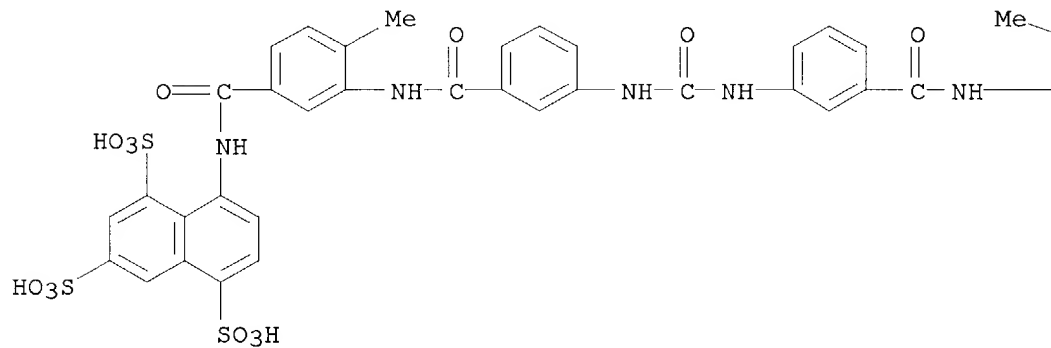


CM 2

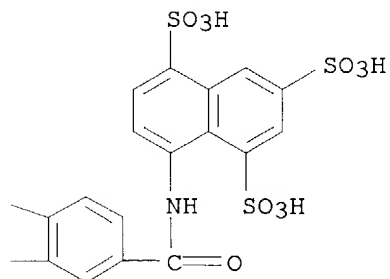
CRN 145-63-1

CMF C51 H40 N6 O23 S6

PAGE 1-A



PAGE 1-B



ACCESSION NUMBER: CA64:14195g CAOLD  
TITLE: dipyrimidinium compds.

PATENT ASSIGNEE: Farbenfabriken Bayer A.-G.

DOCUMENT TYPE: Patent

PATENT NO.	KIND	DATE
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PI	GB 1020306	
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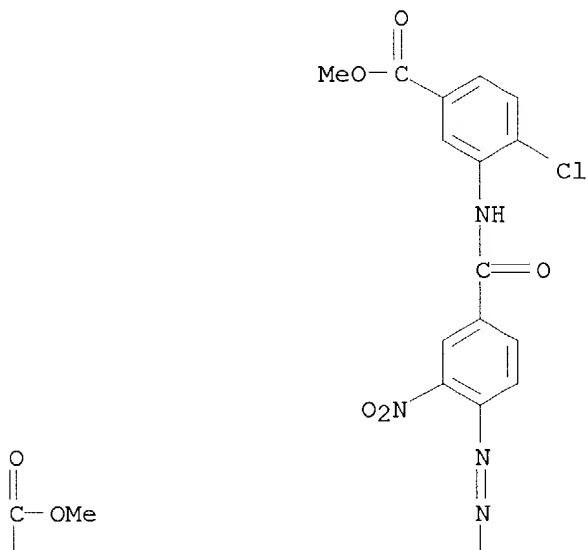
L4 ANSWER 4 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **4989-01-9**

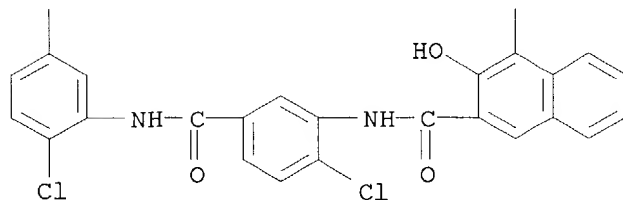
RN 4989-01-9 CAOLD

CN Benzoic acid, 3-[3-[4-[[4-[(5-carboxy-2-chlorophenyl) carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-2-naphthamido]-4-chlorobenzamido]-4-chloro-, dimethyl ester (7CI, 8CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A



ACCESSION NUMBER: CA64:11353d CAOLD

TITLE: allyl sulfone monoazo dyes

AUTHOR NAME: Vyas, Girjaprasad N.; Shivalkar, R. L.

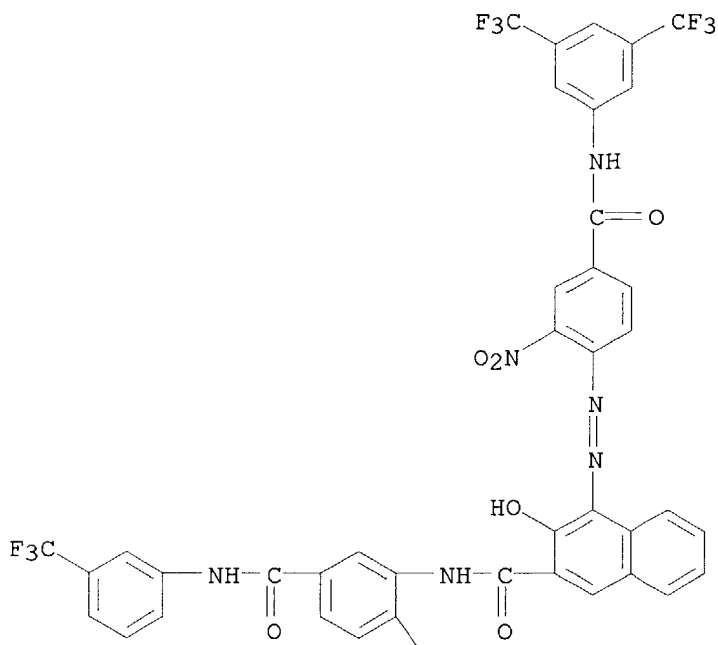
PATENT ASSIGNEE: Amar Dye-Chem. Ltd.

DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	IN 84233		

L4 ANSWER 5 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **4989-00-8** **5082-67-7**  
 RN 4989-00-8 CAOLD  
 CN 2-Naphthanilide, 2'-chloro-4-[[4-[( $\alpha,\alpha,\alpha,\alpha'$ ,.alpha  
 .', $\alpha'$ -hexafluoro-3,5-xylyl)carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-  
 5'-[( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)carbamoyl]- (7CI, 8CI) (CA  
 INDEX NAME)

PAGE 1-A

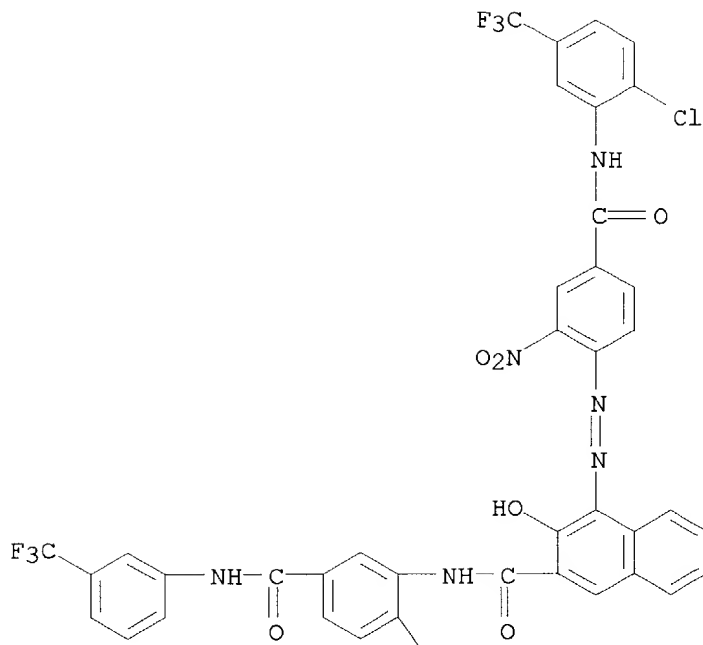


PAGE 2-A



RN 5082-67-7 CAOLD  
 CN 2-Naphthanilide, 2'-chloro-4-[[4-[(6-chloro- $\alpha,\alpha,\alpha$ -  
 trifluoro-m-tolyl)carbamoyl]-2-nitrophenyl]azo]-3-hydroxy-5'-  
 [( $\alpha,\alpha,\alpha$ -trifluoro-m-tolyl)carbamoyl]- (7CI, 8CI) (CA  
 INDEX NAME)

PAGE 1-A



PAGE 2-A



ACCESSION NUMBER: CA64:11353b CAOLD  
 TITLE: monoazo pigments  
 PATENT ASSIGNEE: CIBA Ltd.  
 DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	NL 6503512		
	BE 661361		
	FR 1437518		

L4 ANSWER 6 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **5671-53-4**

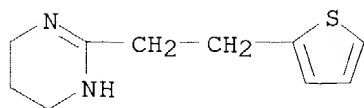
RN 5671-53-4 CAOLD

CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, compd. with 1,4,5,6-tetrahydro-2-[2-(2-thienyl)ethyl]pyrimidine (1:6) (9CI) (CA INDEX NAME)

CM 1

CRN 7782-57-2

CMF C10 H14 N2 S

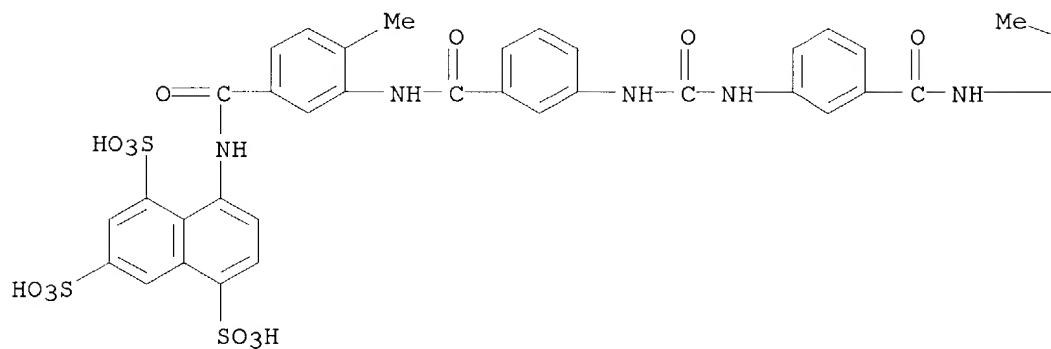


CM 2

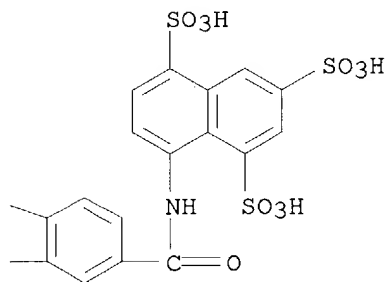
CRN 145-63-1

CMF C51 H40 N6 O23 S6

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PAGE 1-B



ACCESSION NUMBER: CA64:8192c CAOLD  
TITLE: anthelmintic 2-alkylthiophenes  
PATENT ASSIGNEE: Pfizer Corp.  
DOCUMENT TYPE: Patent  
PATENT NO. KIND DATE  
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PI BE 658987  
GB 1045838

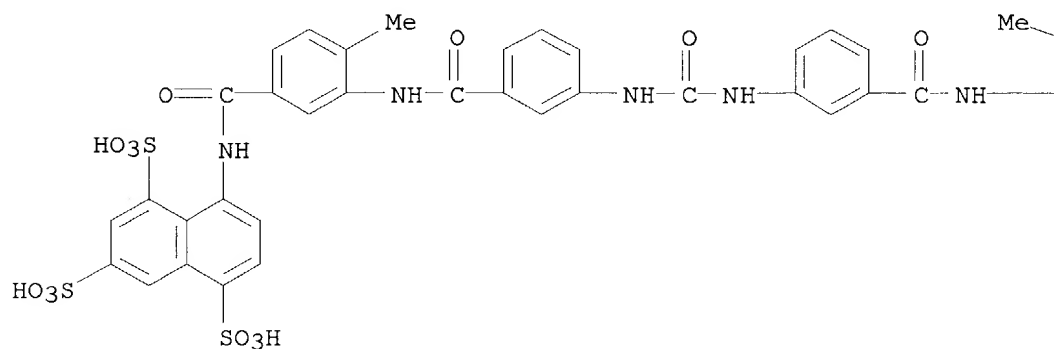
L4 ANSWER 7 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **145-63-1** **4517-43-5**

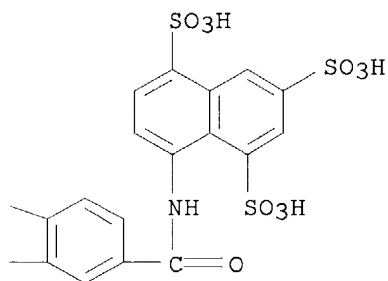
RN 145-63-1 CAOLD

CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI)  
(CA INDEX NAME)

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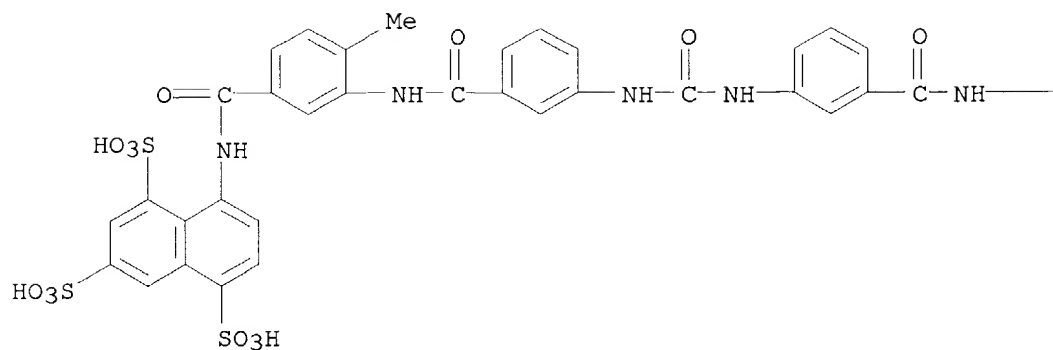
PAGE 1-B



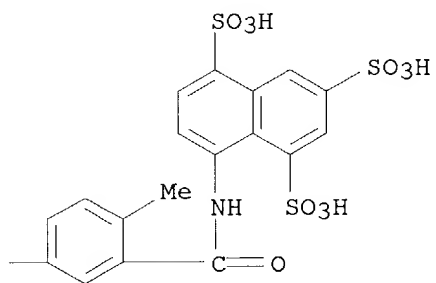
RN 4517-43-5 CAOLD

CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(2-methyl-m-phenylene)carbonylimino]]di- (8CI) (CA INDEX NAME)

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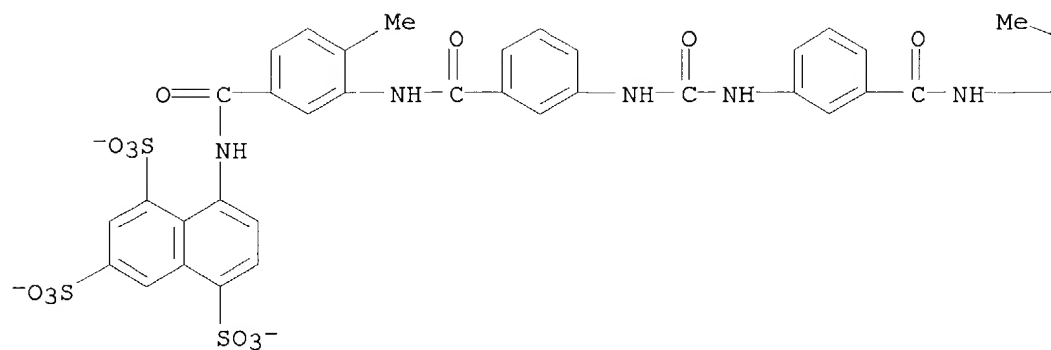
ACCESSION NUMBER: CA64:956f CAOLD  
 TITLE: phosvitin kinase enzyme of cerebral microsomes  
 AUTHOR NAME: Desci, I.; Rodnight, R.

L4 ANSWER 8 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **7043-38-1**  
 RN 7043-38-1 CAOLD  
 CN Quinolinium, 6,6'-ureylenebis[1-methyl-, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-1,3,5-naphthalenetrisulfonate (3:1) (8CI) (CA INDEX NAME)

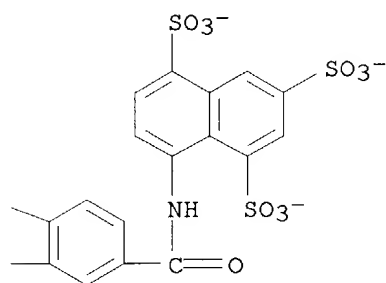
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CRN 47924-42-5  
 CMF C51 H34 N6 O23 S6

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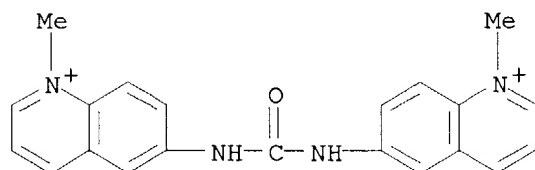


PAGE 1-B



CM 2

CRN 14910-31-7  
CMF C21 H20 N4 O



ACCESSION NUMBER: CA63:18053a CAOLD  
TITLE: urea bis(1-methylquinolinium) salts  
PATENT ASSIGNEE: Imperial Chemical Industries Ltd.



DOCUMENT TYPE: Patent  
 TITLE: urea bis(1-methylquinolinum)salts  
 AUTHOR NAME: Jones, William G. M.  
 DOCUMENT TYPE: Patent  
 PATENT NO. KIND DATE

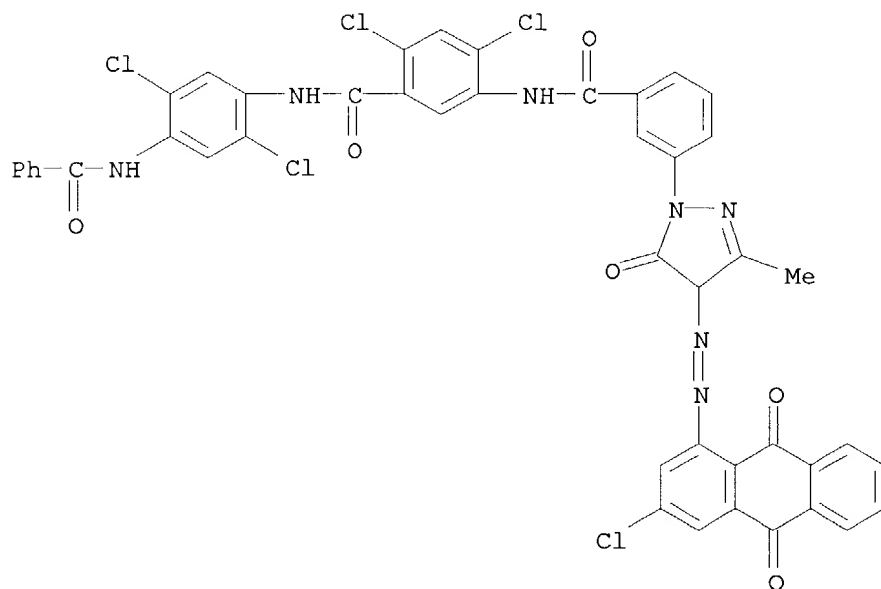
PI GB 1001350

L4 ANSWER 9 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **2405-10-9 2952-20-7**

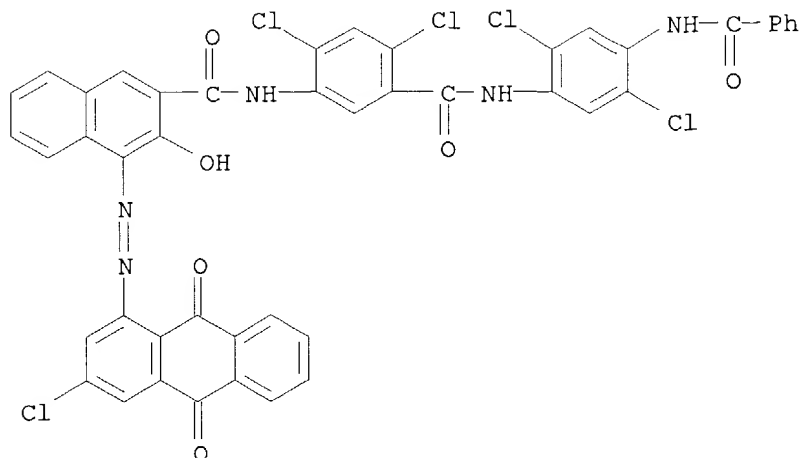
RN 2405-10-9 CAOLD

CN N,3'-Bibenzamide, N'-(4-benzamido-2,5-dichlorophenyl)-4',6'-dichloro-3-[4-  
 [(3-chloro-1-anthraquinonyl)azo]-3-methyl-5-oxo-2-pyrazolin-1-yl]- (7CI,  
 8CI) (CA INDEX NAME)



RN 2952-20-7 CAOLD

CN 2-Naphthanilide, 5'-[(4-benzamido-2,5-dichlorophenyl)carbamoyl]-2',4'-  
 dichloro-4-[(3-chloro-1-anthraquinonyl)azo]-3-hydroxy- (8CI) (CA INDEX  
 NAME)



ACCESSION NUMBER: CA63:5793b CAOLD

TITLE: dyes (monoazo)

PATENT ASSIGNEE: CIBA Ltd.

DOCUMENT TYPE: Patent

PATENT NO. KIND DATE

PI FR 1371677

GB 1019579

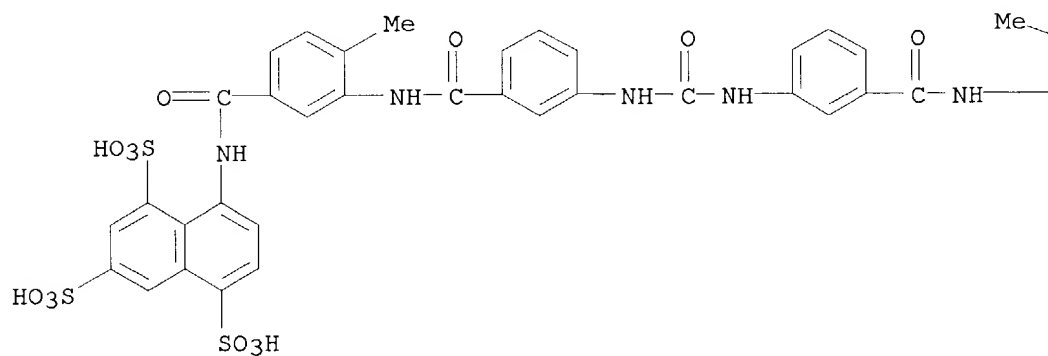
L4 ANSWER 10 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **145-63-1**

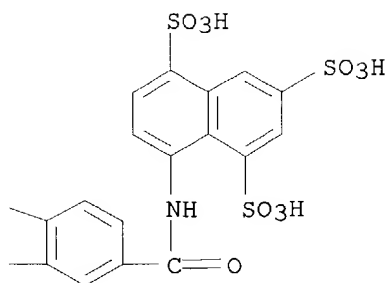
RN 145-63-1 CAOLD

CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI)  
(CA INDEX NAME)

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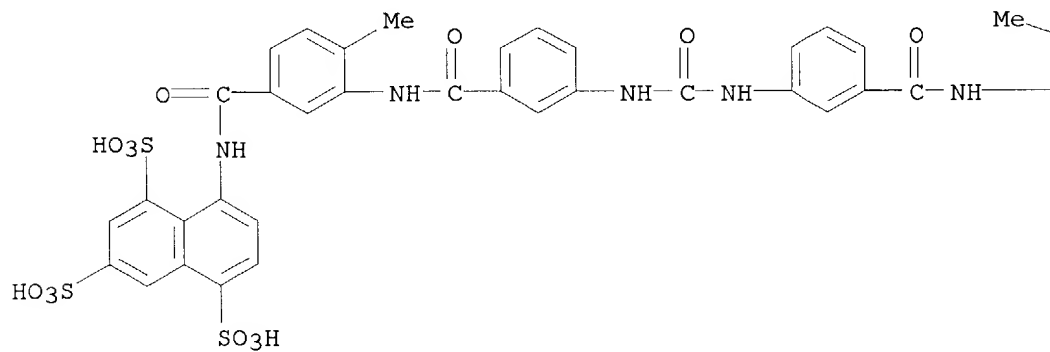
PAGE 1-B



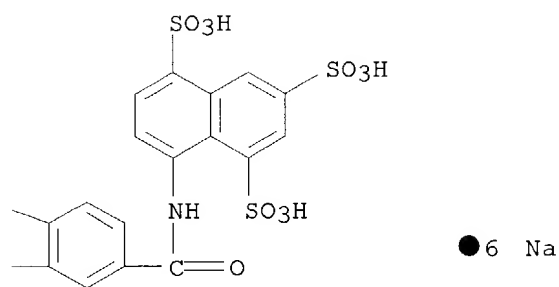
ACCESSION NUMBER: CA62:10845g CAOLD  
 TITLE: biol. investigations of a nucleic acid analog-dependent  
 herpes virus  
 AUTHOR NAME: Stevens, Jack G.

L4 ANSWER 11 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **129-46-4 2787-92-0**  
 RN 129-46-4 CAOLD  
 CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, hexasodium salt (9CI) (CA INDEX NAME)

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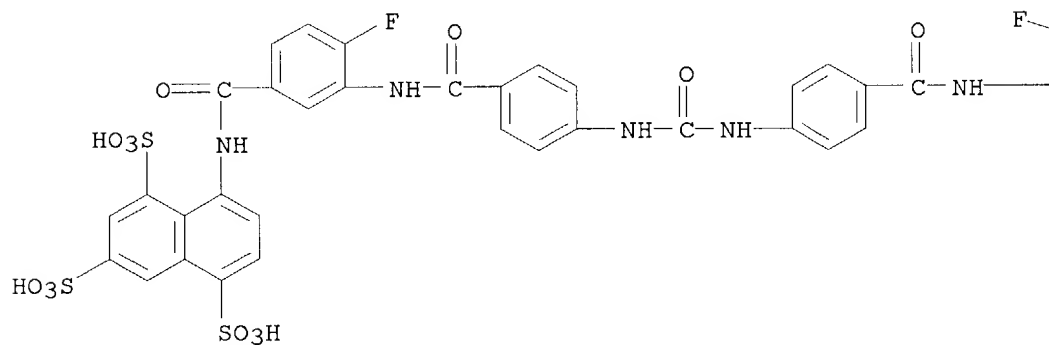


PAGE 1-B

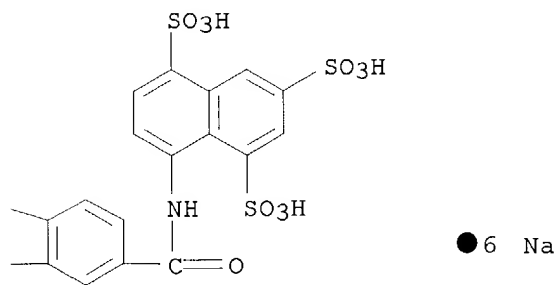


RN 2787-92-0 CAOLD  
 CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis(m-phenylenecarbonylimino(4-fluoro-m-phenylene)carbonylimino)]di-, hexasodium salt (7CI, 8CI) (CA INDEX NAME)

PAGE 1-A

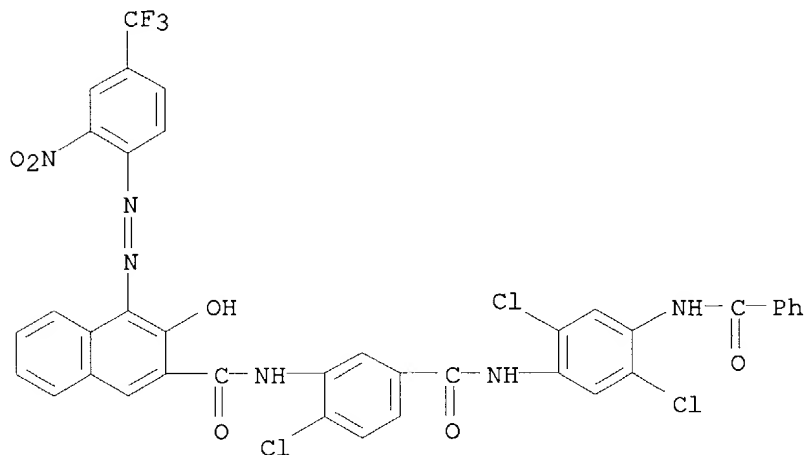


PAGE 1-B



ACCESSION NUMBER: CA62:9668a CAOLD  
TITLE: granules and other changes in phase-contrast appearance  
produced by chemotherapeutic agents in trypanosomes  
AUTHOR NAME: Ormerod, W. E.; Shaw, J. J.

L4 ANSWER 12 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
IT **2585-61-7**  
RN 2585-61-7 CAOLD  
CN 2-Naphthanilide, 5'-[(4-benzamido-2,5-dichlorophenyl)carbamoyl]-2'-chloro-  
3-hydroxy-4-[( $\alpha,\alpha,\alpha$ -trifluoro-2-nitro-p-tolyl)azo]-  
(8CI) (CA INDEX NAME)



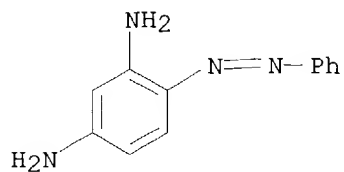
ACCESSION NUMBER: CA61:752g CAOLD  
TITLE: dyes (carboxamido azo)  
PATENT ASSIGNEE: CIBA Ltd.  
DOCUMENT TYPE: Patent

	PATENT NO.	KIND	DATE
PI	BE 632240		
	CH 409189		
	FR 1356646		
	GB 976523		

L4 ANSWER 13 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
IT **101475-52-9**  
RN 101475-52-9 CAOLD  
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-, compd.  
with C.I. Basic Orange 2 (7CI) (CA INDEX NAME)

CM 1

CRN 495-54-5  
CMF C12 H12 N4

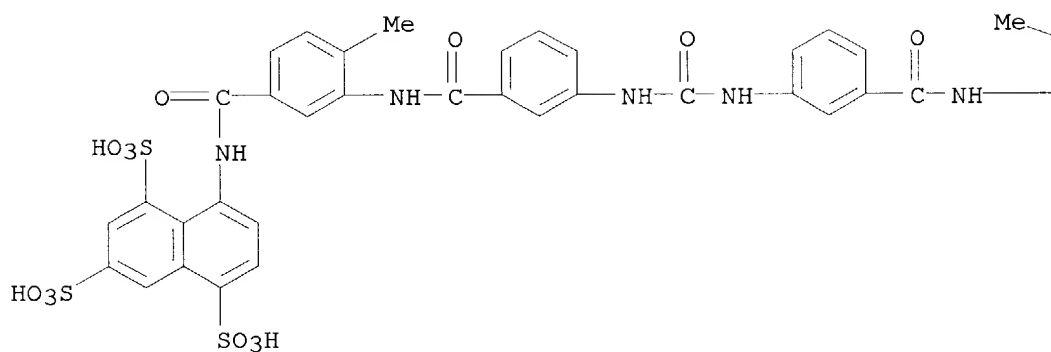


CM 2

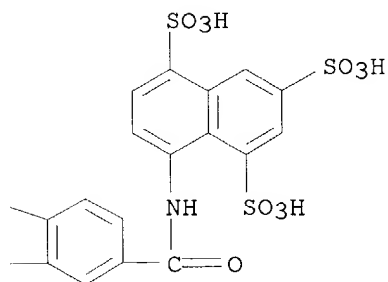
CRN 145-63-1

CMF C51 H40 N6 O23 S6

PAGE 1-A



PAGE 1-B



ACCESSION NUMBER: CA59:8902h CAOLD  
TITLE: dyes derived from substituted phthalic acids - (III)  
cis-Δ<sup>4</sup>-tetrahydrophthalic acid-effect of decreasing  
unsatn. in the phthalic acid portion of phthalein dyes

AUTHOR NAME:           Loiwal, S. D.; Jain, N. C.

L4 ANSWER 14 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT 90586-66-6

RN 90586-66-6 CAOLD

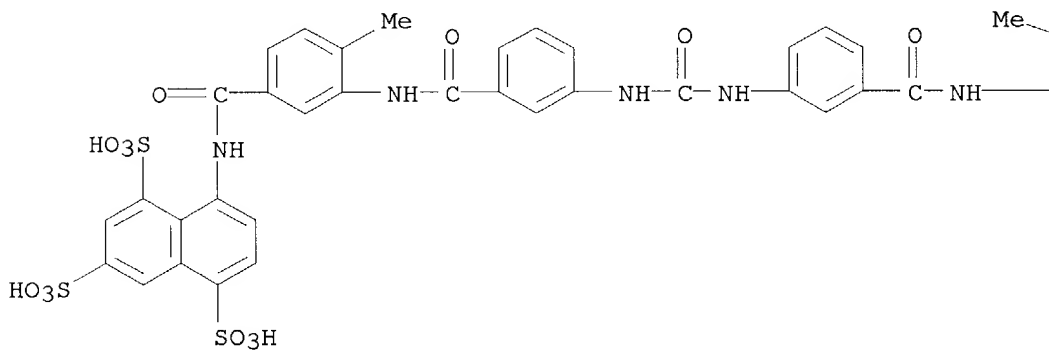
CN 1,3,5-Naphthalenetrisulfonic acid, 8,8'-[ureylenebis[m-phenylenecarbonylimino(4-methyl-m-phenylene)carbonylimino]]di-, compd, with 7-chloro-4-[[4-(diethylamino)-1-methylbutyl]amino]quinoline, hexasodium salt (7CI) (CA INDEX NAME)

CM 1

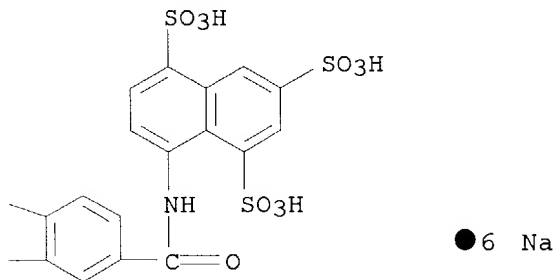
CRN 129-46-4

CMF C51 H40 N6 O23 S6 . 6 Na

PAGE 1-A



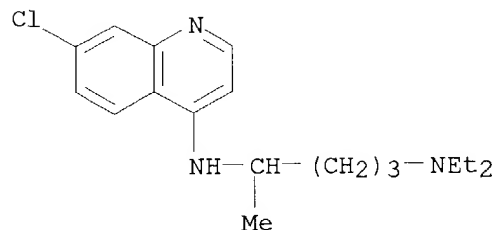
PAGE 1-B



CM 2

CRN 54-05-7

CMF C18 H26 Cl N3



ACCESSION NUMBER: CA57:15082d CAOLD  
TITLE: suramin salt of 7-chloro-4-(5-diethylamino-2-pentylamino)quinoline

AUTHOR NAME: Baget, Jean

DOCUMENT TYPE: Patent

PATENT NO. KIND DATE

PI SU 146315

L4 ANSWER 15 OF 17 CAOLD COPYRIGHT 2004 ACS on STN

IT **124108-65-2 124138-39-2**

RN 124108-65-2 CAOLD

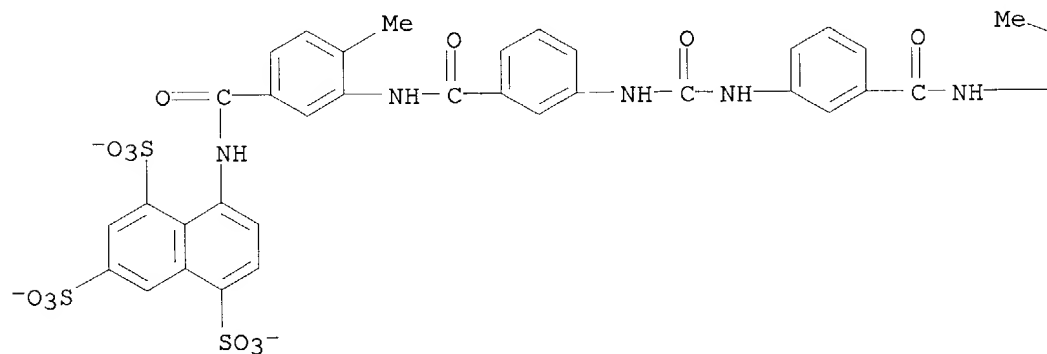
CN Tris(2,2'-eicosamethylenediisoquinolinium) suramin salt (6CI) (CA INDEX NAME)

CM 1

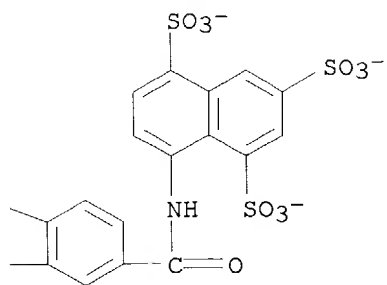
CRN 47924-42-5

CMF C51 H34 N6 O23 S6

PAGE 1-A



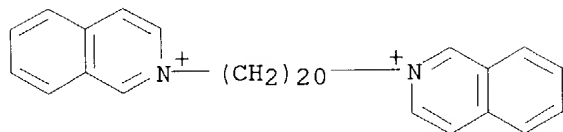




CM 2

CRN 305-14-6

CMF C38 H54 N2



RN 124138-39-2 CAOLD

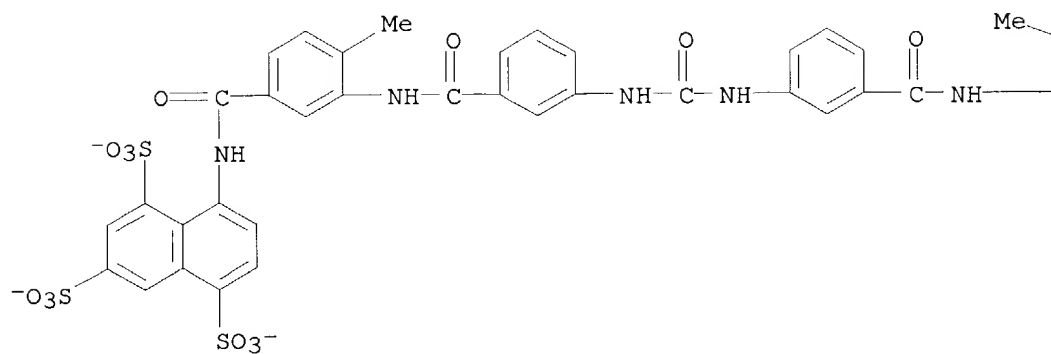
CN Tris(2,2'-docosamethylenediisoquinolinium) suramin salt (6CI) (CA INDEX NAME)

CM 1

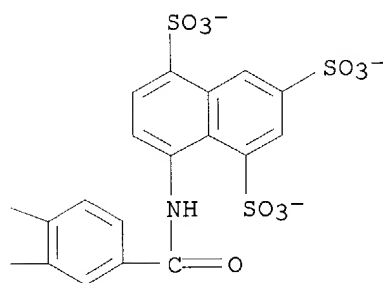
CRN 47924-42-5

CMF C51 H34 N6 O23 S6

PAGE 1-A



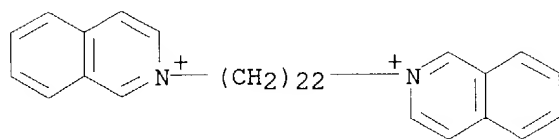
PAGE 1-B



CM 2

CRN 305-11-3

CMF C40 H58 N2



ACCESSION NUMBER: CA54:4613i CAOLD

TITLE: chemotherapeutic properties of quaternary ammonium salts -  
(I)

AUTHOR NAME: Austin, William C.; Lunts, L. H. C.; Potter, M. D.; Taylor,

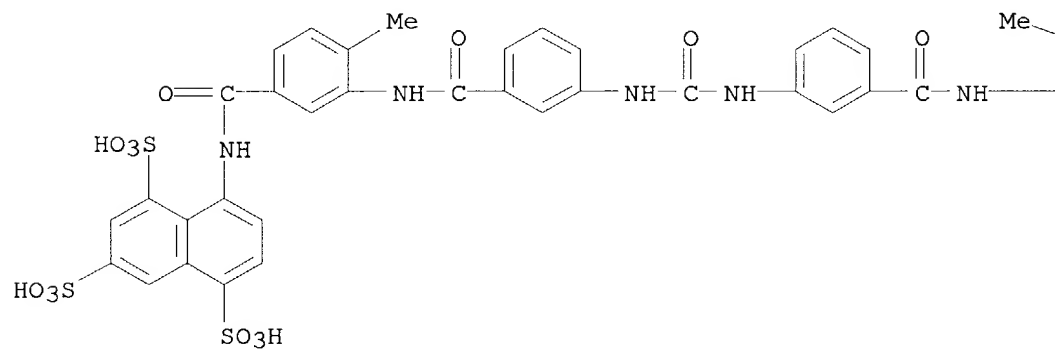
E. P.

L4 ANSWER 16 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
IT **109189-28-8**  
RN 109189-28-8 CAOLD  
CN 4-Amino-1-[6-[(2-methyl-4-quinolyl)amino]hexyl]quinaldinium suramin deriv.  
(6CI) (CA INDEX NAME)

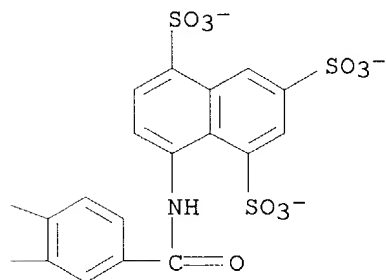
CM 1

CRN 109189-27-7  
CMF C51 H37 N6 O23 S6

PAGE 1-A

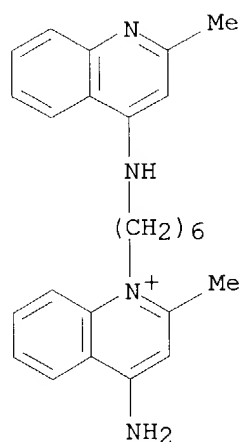


PAGE 1-B



CM 2

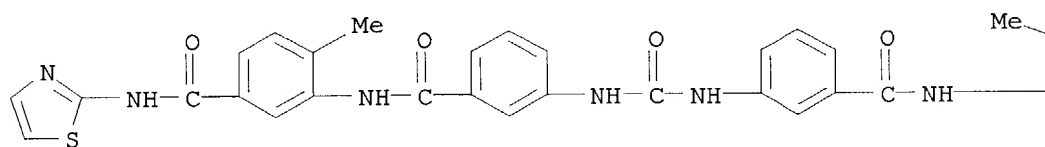
CRN 108039-37-8  
CMF C26 H31 N4



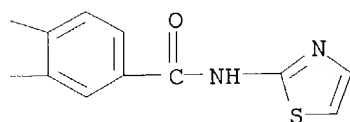
ACCESSION NUMBER: CA52:20165d CAOLD  
 TITLE: potential trypanocides-action of polymethylene dihalides on  
 4-aminoquinoline  
 AUTHOR NAME: Austin, William C.; Potter, M. D.; Taylor, E. P.

L4 ANSWER 17 OF 17 CAOLD COPYRIGHT 2004 ACS on STN  
 IT **104510-52-3 104622-54-0 107621-46-5**  
**107621-90-9 108843-80-7 108977-14-6**  
**110395-68-1 111240-88-1 112717-77-8**  
**115020-63-8**  
 RN 104510-52-3 CAOLD  
 CN Carbanilide, 3,3'-bis[[5-(2-thiazolylcarbamoyl)-o-tolyl]carbamoyl]- (6CI)  
 (CA INDEX NAME)

PAGE 1-A

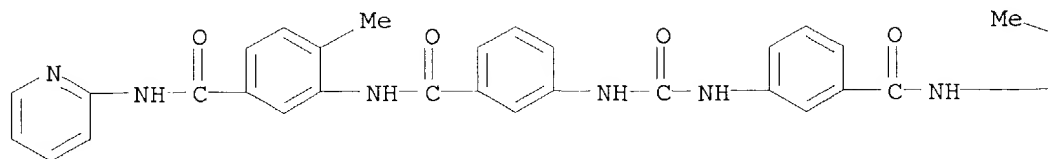


PAGE 1-B

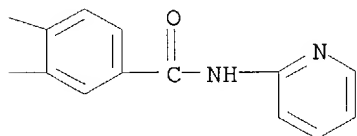


RN 104622-54-0 CAOLD  
 CN Carbanilide, 3,3'-bis[[5-(2-pyridylcarbamoyl)-o-tolyl]carbamoyl]- (6CI)  
 (CA INDEX NAME)

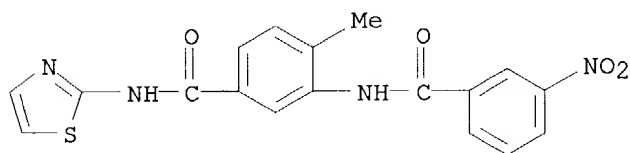
PAGE 1-A



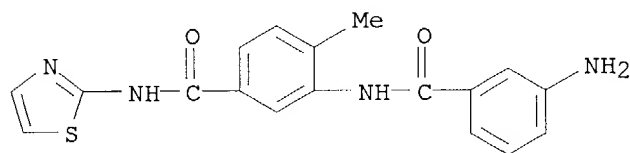
PAGE 1-B



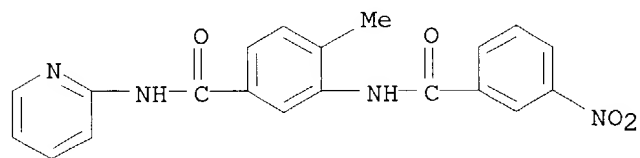
RN 107621-46-5 CAOLD  
CN p-Toluamide, 3-m-nitrobenzamido-N-2-thiazolyl- (6CI) (CA INDEX NAME)



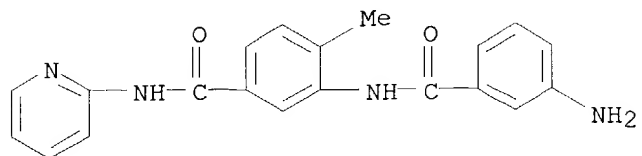
RN 107621-90-9 CAOLD  
CN p-Toluamide, 3-(m-aminobenzamido)-N-2-thiazolyl- (6CI) (CA INDEX NAME)



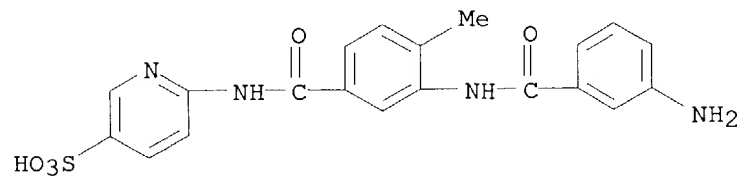
RN 108843-80-7 CAOLD  
CN p-Toluamide, 3-m-nitrobenzamido-N-2-pyridyl- (6CI) (CA INDEX NAME)



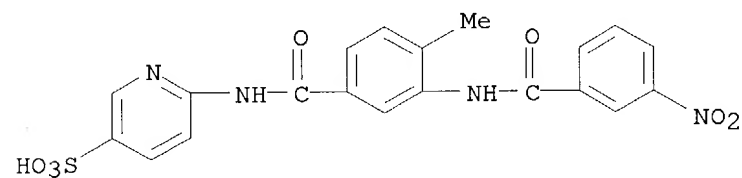
RN 108977-14-6 CAOLD  
CN p-Toluamide, 3-(m-aminobenzamido)-N-2-pyridyl- (6CI) (CA INDEX NAME)



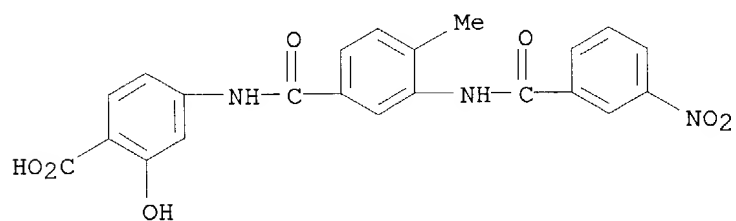
RN 110395-68-1 CAOLD  
CN 3-Pyridinesulfonic acid, 6-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



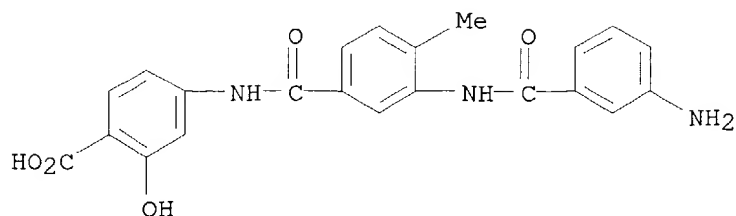
RN 111240-88-1 CAOLD  
CN 3-Pyridinesulfonic acid, 6-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 112717-77-8 CAOLD  
CN Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 115020-63-8 CAOLD  
CN Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



ACCESSION NUMBER: CA51:5068c CAOLD  
TITLE: trypanocides - (III) analogs of suramin  
AUTHOR NAME: Adams, Arthur; Ashley, J. N.; Bader, H.

=> file caplus

FILE 'CAPLUS' ENTERED AT 13:02:32 ON 20 MAY 2004  
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FILE COVERS 1907 - 20 May 2004 VOL 140 ISS 21  
FILE LAST UPDATED: 19 May 2004 (20040519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l3

L5 1722 L3

=> d scan

L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN  
CC 7-2 (Enzymes)  
TI Substrate specificity and inhibitor studies of a membrane-bound ganglioside sialidase isolated from human brain tissue  
ST ganglioside sialidase membrane brain substrate specificity inhibition  
IT Brain  
Human  
(characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)  
IT Gangliosides  
RL: BSU (Biological study, unclassified); BIOL (Biological study)  
(characterization of membrane-bound ganglioside sialidase isolated from human brain tissue addresses substrate specificity and inhibitor)

- IT Glycosaminoglycans, biological studies  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibitor activity; characterization of membrane-bound ganglioside  
 sialidase isolated from human brain tissue addresses substrate  
 specificity and inhibitor)
- IT 9001-67-6P, Neuraminidase  
 RL: BSU (Biological study, unclassified); PUR (Purification or recovery);  
 BIOL (Biological study); PREP (Preparation)  
 (characterization of membrane-bound ganglioside sialidase isolated from  
 human brain tissue addresses substrate specificity and inhibitor  
 activity)
- IT 7439-89-6, Iron, biological studies 7439-97-6, Mercury, biological  
 studies 7440-50-8, Copper, biological studies  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibitor activity; characterization of membrane-bound ganglioside  
 sialidase isolated from human brain tissue addresses substrate  
 specificity and inhibitor)
- IT **145-63-1**, Suramin 9005-49-6, Heparin, biological studies  
 9042-14-2, Dextran sulfate 9050-30-0, Heparan sulfate 24967-27-9,  
 2-Deoxy-2,3-dehydro-N-acetylneuraminic acid 24967-93-9, Chondroitin  
 sulfate A 24967-94-0, Chondroitin sulfate B 139110-80-8, Zanamivir  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibitor activity; characterization of membrane-bound ganglioside  
 sialidase isolated from human brain tissue addresses substrate  
 specificity and inhibitor activity)
- IT 89678-50-2, Ganglioside GM3 104443-58-5, Ganglioside GT1b 104443-59-6,  
 Ganglioside GD1a 104443-60-9, Ganglioside GD1b 104443-61-0,  
 Ganglioside GD3 105054-68-0, Ganglioside GM4 105732-59-0, Ganglioside  
 GQ1b 107371-09-5, Ganglioside GD2 169741-32-6, Ganglioside lyso GM3  
 586400-39-7, Lyso GD1a  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (membrane-bound ganglioside sialidase from human brain tissue  
 desialylates gangliosides containing sialic acid residues in terminal  
 position)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

- L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN
- CC 14-0 (Mammalian Pathological Biochemistry)
- TI Inhibition of scrapie prion propagation
- ST review prion disease scrapie protein suramin; chem chaperone prion disease  
 scrapie protein review; DOSPA prion disease scrapie protein review
- IT Prion proteins  
 RL: ADV (Adverse effect, including toxicity); BSU (Biological study,  
 unclassified); BIOL (Biological study)  
 (PrPSc; inhibition of scrapie prion propagation)
- IT Stabilizing agents  
 (chemical chaperones; inhibition of scrapie prion propagation)
- IT Prion diseases  
 (inhibition of scrapie prion propagation)
- IT **145-63-1**, Suramin 168479-03-6, DOSPA  
 RL: BSU (Biological study, unclassified); BIOL (Biological study)  
 (inhibition of scrapie prion propagation)
- L5 1722 ANSWERS CAPLUS COPYRIGHT 2004 ACS on STN
- CC 1-11 (Pharmacology)  
 Section cross-reference(s): 14
- TI Effects of purinergic and adrenergic antagonists in a rat model of painful



peripheral neuropathy  
ST adrenoceptor purinoceptor blocker phentolamine neuropathic pain; suramin  
allodynia sympathetic system neuropathic behavior  
IT Adrenoceptor antagonists  
Drug interactions  
Purinoceptor antagonists  
(adrenoceptor purinoceptor blocker in neuropathic pain.)  
IT Pain  
Skin, disease  
(allodynia, mech; adrenoceptor purinoceptor blocker in neuropathic  
pain.)  
IT Behavior  
(neuropathic; adrenoceptor purinoceptor blocker in neuropathic pain.)  
IT Nerve, disease  
(peripheral neuropathy; adrenoceptor purinoceptor blocker in  
neuropathic pain.)  
IT Nervous system  
(sympathetic; adrenoceptor purinoceptor blocker in neuropathic pain.)  
IT 65-28-1, Phentolamine mesylate **129-46-4**, Suramin hexasodium  
RL: BAC (Biological activity or effector, except adverse); BPR (Biological  
process); BSU (Biological study, unclassified); BIOL (Biological study);  
PROC (Process)  
(adrenoceptor purinoceptor blocker in neuropathic pain.)  
IT 56-65-5, ATP, biological studies  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(adrenoceptor purinoceptor blocker in neuropathic pain.)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):  
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF  
LOGOFF? (Y)/N/HOLD:.  
STN INTERNATIONAL LOGOFF AT 13:08:47 ON 20 MAY 2004

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PASSWORD:

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NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/Caplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEMLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	EXPRESS		MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS	HOURS		STN Operating Hours Plus Help Desk Availability
NEWS	INTER		General Internet Information
NEWS	LOGIN		Welcome Banner and News Items
NEWS	PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS	WWW		CAS World Wide Web Site (general information)

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09/762,106 Thomas McKenzie

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The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> file reg

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STRUCTURE FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

DICTIONARY FILE UPDATES: 19 MAY 2004 HIGHEST RN 683745-80-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

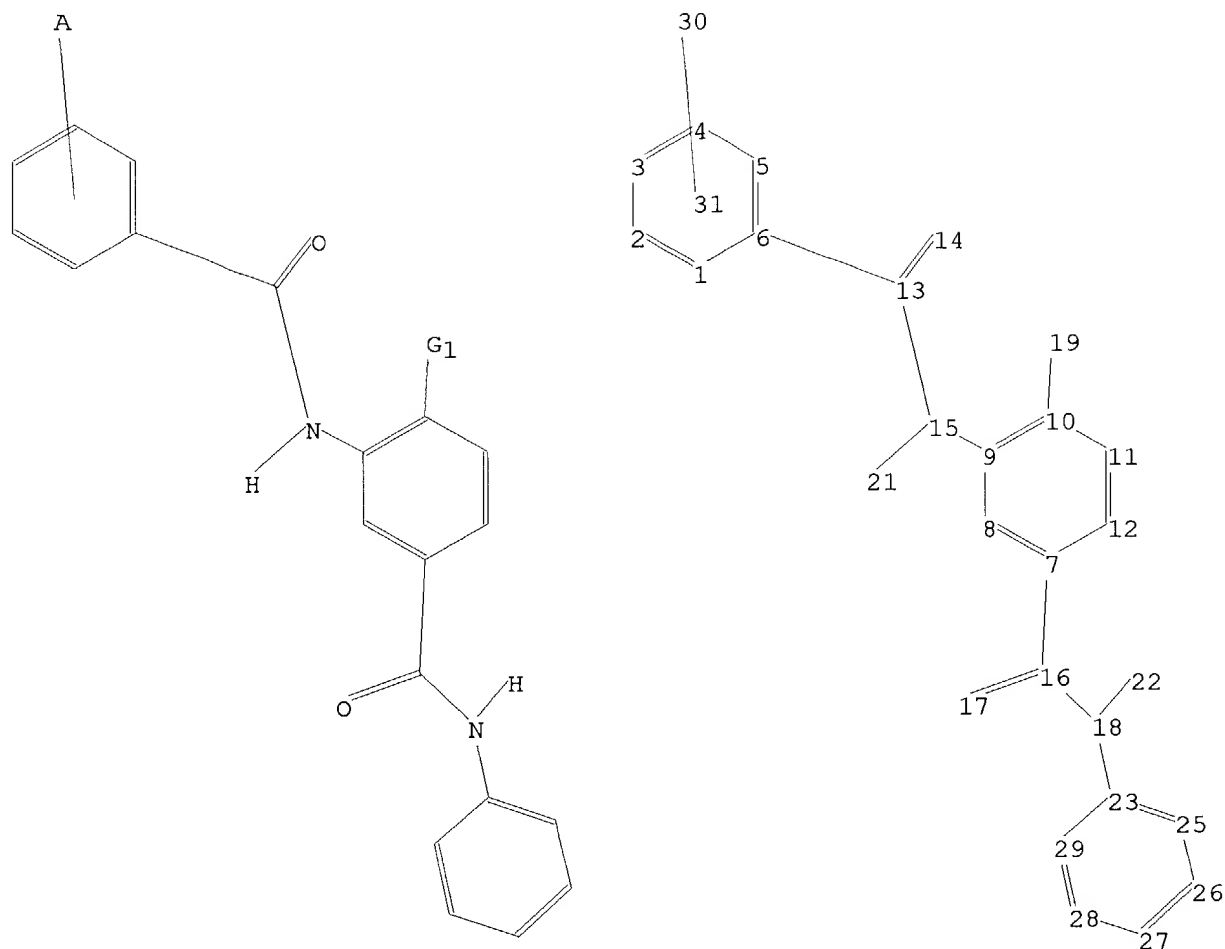
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09762106.str



chain nodes :  
 13 14 15 16 17 18 19 21 22 30  
 ring nodes :  
 1 2 3 4 5 6 7 8 9 10 11 12 23 25 26 27 28 29  
 chain bonds :  
 6-13 7-16 9-15 10-19 13-14 13-15 15-21 16-17 16-18 18-22 18-23  
 ring bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29  
 25-26 26-27 27-28 28-29  
 exact/norm bonds :  
 9-15 10-19 13-14 13-15 16-17 16-18 18-23  
 exact bonds :  
 6-13 7-16 15-21 18-22  
 normalized bonds :  
 1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12 23-25 23-29  
 25-26 26-27 27-28 28-29  
 isolated ring systems :  
 containing 1 : 7 : 23 :

G1:CH3,C1

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom  
11:Atom 12:Atom 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS  
19:CLASS 21:CLASS 22:CLASS 23:CLASS 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom  
30:CLASS 31:CLASS

L1 STRUCTURE UPLOADED

=> s l1

SAMPLE SEARCH INITIATED 13:27:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 60 TO ITERATE

100.0% PROCESSED 60 ITERATIONS  
SEARCH TIME: 00.00.01

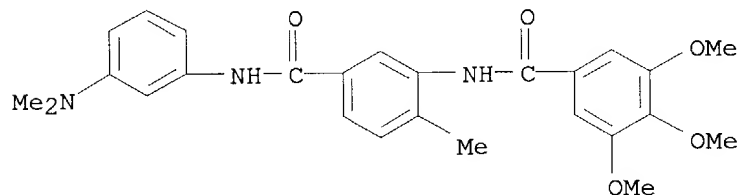
8 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 736 TO 1664  
PROJECTED ANSWERS: 8 TO 329

L2 8 SEA SSS SAM L1

=> d scan

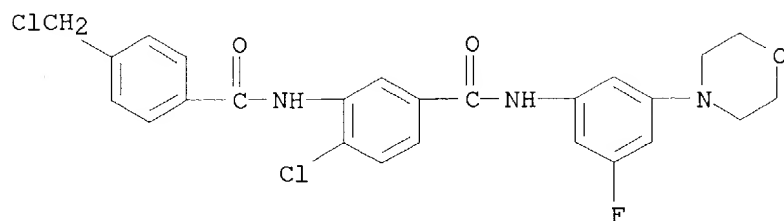
L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzamide, N-[5-[[[3-(dimethylamino)phenyl]amino]carbonyl]-2-methylphenyl]-  
3,4,5-trimethoxy- (9CI)  
MF C26 H29 N3 O5



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

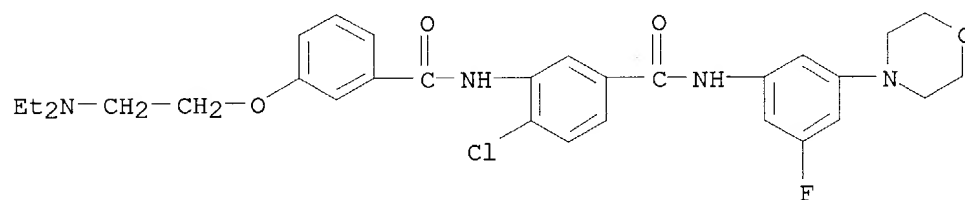
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzamide, 4-chloro-3-[[4-(chloromethyl)benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)  
MF C25 H22 Cl2 F N3 O3



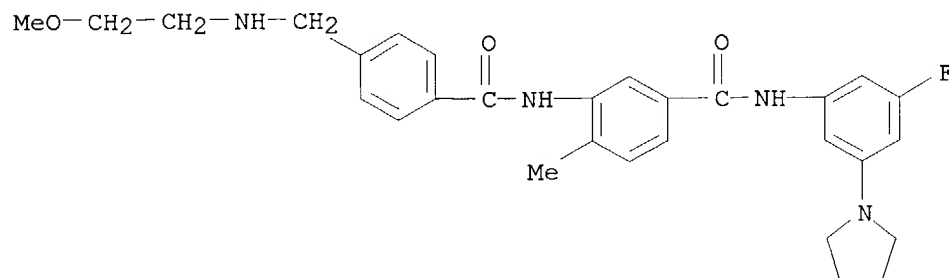
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzamide, 4-chloro-3-[[3-[2-(diethylamino)ethoxy]benzoyl]amino]-N-[3-fluoro-5-(4-morpholinyl)phenyl]- (9CI)  
MF C30 H34 Cl F N4 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L2 8 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN  
IN Benzamide, N-[3-fluoro-5-(1-pyrrolidinyl)phenyl]-3-[[4-[(2-methoxyethyl)amino]methyl]benzoyl]amino]-4-methyl- (9CI)  
MF C29 H33 F N4 O3



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

09/762,106 Thomas McKenzie

=> s l1 full

FULL SEARCH INITIATED 13:28:24 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1145 TO ITERATE

100.0% PROCESSED 1145 ITERATIONS 163 ANSWERS  
SEARCH TIME: 00.00.01

L3 163 SEA SSS FUL L1

=> file caplus

FILE 'CAPLUS' ENTERED AT 13:28:33 ON 20 MAY 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
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FILE COVERS 1907 - 20 May 2004 VOL 140 ISS 21  
FILE LAST UPDATED: 19 May 2004 (20040519/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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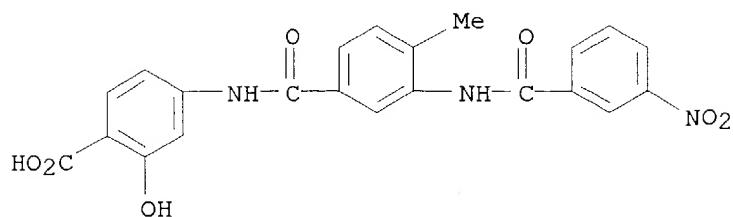
L4 21 L3

=> sort py l4

SORT ENTIRE ANSWER SET? (Y)/N:.  
PROCESSING COMPLETED FOR L4  
L5 21 SORT L4 PY

=> d 1-10 cbib pi fhitstr

L5 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
1957:25524 Document No. 51:25524 Original Reference No. 51:5068c-i,5069a-d  
Search for trypanocides. III. Analogs of suramin. Adams, A.; Ashley, J.  
N.; Bader, H. (May & Baker Ltd., Dagenham, UK). Journal of the Chemical  
Society, Abstracts 3739-44 (Unavailable) 1956. CODEN: JCSAAZ. ISSN:  
0590-9791.  
IT **112717-77-8**, Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)-  
(preparation of)  
RN 112717-77-8 CAPLUS  
CN Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



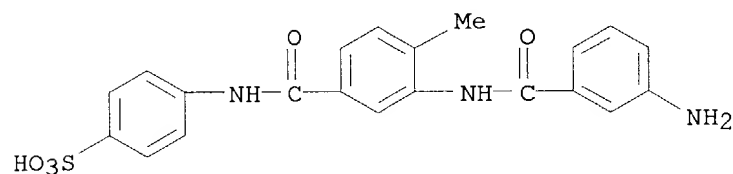
L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1968:434327 Document No. 69:34327 Inhibition of staphylococcal  
 $\alpha$ -toxin. The effect of aromatic polysulfonic acids on the lethal  
 effect of  $\alpha$ -toxin in mice. Arbuthnott, J. P.; Lominski, I. R. W.;  
 Wright, Margaret Robson (Anderson Coll., Glasgow, UK). Biochemical  
 Journal, 108(1), 49-55 (English) 1968. CODEN: BIJOAK. ISSN: 0264-6021.

IT **17804-52-3**

RL: BIOL (Biological study)  
 (staphylococci  $\alpha$ -toxin lethal action inhibition by)

RN 17804-52-3 CAPLUS

CN Benzenesulfonic acid, 4-[[3-[(3-aminobenzoyl)amino]-4-methylbenzoyl]amino]-  
 , monosodium salt (9CI) (CA INDEX NAME)



● Na

L5 ANSWER 3 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1973:99069 Document No. 78:99069 Azo dyes for color photography. Piller,  
 Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas; Tschopp, Paul  
 (Ciba-Geigy A.-G.). Ger. Offen. DE 2216592 19721019, 104 pp. (German).  
 CODEN: GWXXBX. APPLICATION: DE 1972-2216592 19720406.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2216592	A	19721019	DE 1972-2216592	19720406
	DE 2216592	C2	19820930		
	CH 572230	A	19760130	CH 1971-5058	19710407
	CH 566029	A	19750829	CH 1971-7208	19710514
	CH 572231	A	19760130	CH 1971-13605	19710916
	AU 7240352	A1	19730927	AU 1972-40352	19720323
	AU 7240651	A1	19731004	AU 1972-40651	19720330
	CA 985675	A1	19760316	CA 1972-138612	19720330
	CA 987310	A1	19760413	CA 1972-138614	19720330
	IT 958676	A	19731030	IT 1972-89526	19720405
	IT 958675	A	19731030	IT 1972-89525	19720405
	GB 1372448	A	19741030	GB 1972-15612	19720405



BE 781729	A1	19721006	BE 1972-115989	19720406
BE 781728	A1	19721006	BE 1972-115988	19720406
NL 7204616	A	19721010	NL 1972-4616	19720406
NL 7204615	A	19721010	NL 1972-4615	19720406
FR 2132697	A5	19721124	FR 1972-12026	19720406
FR 2132697	B1	19740913		
FR 2132734	A5	19721124	FR 1972-12183	19720406
FR 2132734	B1	19740802		
JP 56011941	B4	19810318	JP 1972-33985	19720406
AT 317672	B	19740910	AT 1972-3022	19720407
JP 56011942	B4	19810318	JP 1972-34511	19720407
US 4118232	A	19781003	US 1977-777867	19770315

IT **38359-32-9**

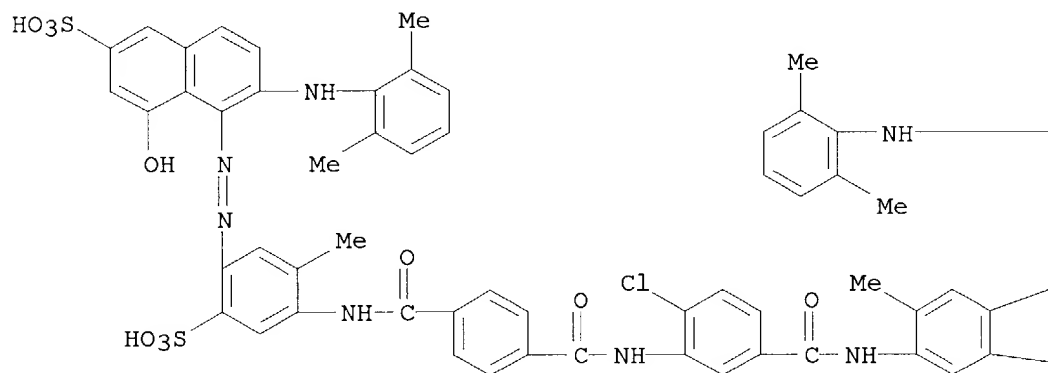
RL: USES (Uses)

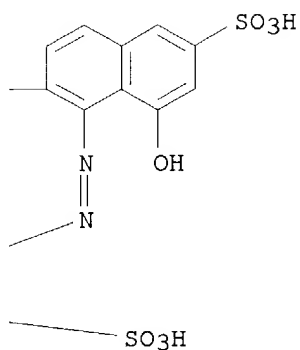
(photog. sensitization maximum of)

RN 38359-32-9 CAPLUS

CN 2-Naphthalenesulfonic acid, 5-[[[4-[[4-chloro-3-[[[4-[[[4-[[2-[(2,6-dimethylphenyl)amino]-8-hydroxy-6-sulfo-1-naphthalenyl]azo]-2-methyl-5-sulfophenyl]amino]carbonyl]benzoyl]amino]benzoyl]amino]-5-methyl-2-sulfophenyl]azo]-4-hydroxy-6-[(2,6-dimethylphenyl)amino]- (9CI) (CA INDEX NAME)

PAGE 1-A





L5 ANSWER 4 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1973:85913 Document No. 78:85913 Azo dyes for use in photographic materials.  
 Piller, Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas;  
 Tschopp, Paul (Ciba-Geigy A.-G.). Ger. Offen. DE 2223311 19721130, 75 pp.  
 (German). CODEN: GWXXBX. APPLICATION: DE 1972-2223311 19720512.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2223311	A	19721130	DE 1972-2223311	19720512
	CH 566029	A	19750829	CH 1971-7208	19710514
	GB 1377697	A	19741218	GB 1972-14741	19720329
	CA 987309	A1	19760413	CA 1972-138613	19720330
	GB 1384162	A	19750219	GB 1972-20544	19720503
	FR 2137637	A5	19721229	FR 1972-16407	19720508
	BE 783388	A1	19721113	BE 1972-117413	19720512
	IT 957826	A	19731020	IT 1972-50209	19720512
	AT 321718	B	19750410	AT 1972-4144	19720512
	JP 55029419	B4	19800804	JP 1972-47584	19720513
	US 4118232	A	19781003	US 1977-777867	19770315

IT **41211-50-1**

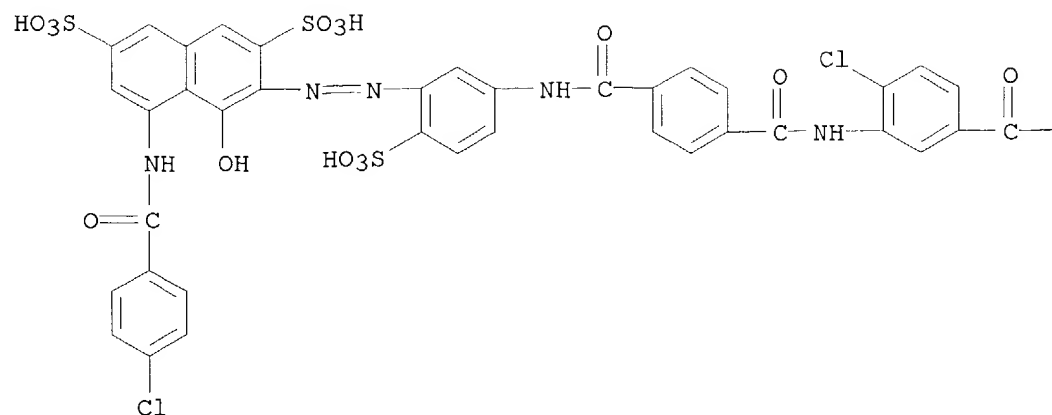
RL: USES (Uses)

(photographic sensitization maximum of)

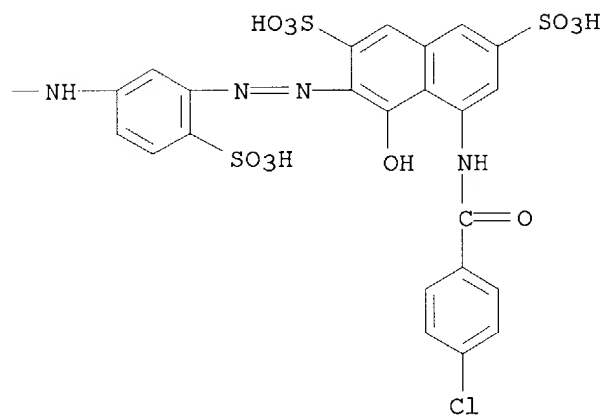
RN 41211-50-1 CAPLUS

CN 2,7-Naphthalenedisulfonic acid, 5-[(4-chlorobenzoyl)amino]-3-[[5-[[4-chloro-3-[[4-[[[3-[[8-[(4-chlorobenzoyl)amino]-1-hydroxy-3,6-disulfo-2-naphthalenyl]azo]-4-sulphophenyl]amino]carbonyl]benzoyl]amino]benzoyl]amino]-2-sulphophenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

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L5 ANSWER 5 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1973:45073 Document No. 78:45073 Azo dyes for photographic materials.  
 Piller, Bernhard; Lenoir, John; Froehlich, Alfred; Stauner, Thomas;  
 Tschopp, Paul (Ciba-Geigy A.-G.). Ger. Offen. DE 2216620 19721102, 73 pp.  
 (German). CODEN: GWXXBX. APPLICATION: DE 1972-2216620 19720406.

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2216620	A	19721102	DE 1972-2216620	19720406
	DE 2216620	C2	19820401		
	CH 572230	A	19760130	CH 1971-5058	19710407
	CH 566029	A	19750829	CH 1971-7208	19710514
	CH 572231	A	19760130	CH 1971-13605	19710916
	AU 7240352	A1	19730927	AU 1972-40352	19720323
	AU 7240651	A1	19731004	AU 1972-40651	19720330
	CA 985675	A1	19760316	CA 1972-138612	19720330
	CA 987310	A1	19760413	CA 1972-138614	19720330

IT 958676	A	19731030	IT 1972-89526	19720405
IT 958675	A	19731030	IT 1972-89525	19720405
GB 1372448	A	19741030	GB 1972-15612	19720405
BE 781729	A1	19721006	BE 1972-115989	19720406
BE 781728	A1	19721006	BE 1972-115988	19720406
NL 7204616	A	19721010	NL 1972-4616	19720406
NL 7204615	A	19721010	NL 1972-4615	19720406
FR 2132697	A5	19721124	FR 1972-12026	19720406
FR 2132697	B1	19740913		
FR 2132734	A5	19721124	FR 1972-12183	19720406
FR 2132734	B1	19740802		
JP 56011941	B4	19810318	JP 1972-33985	19720406
AT 317672	B	19740910	AT 1972-3022	19720407
JP 56011942	B4	19810318	JP 1972-34511	19720407
US 4118232	A	19781003	US 1977-777867	19770315

IT **40873-18-5**

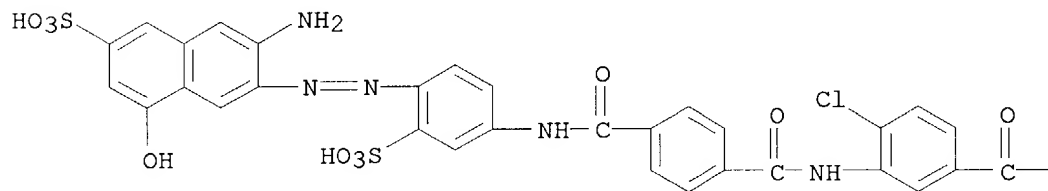
RL: USES (Uses)

(photog. sensitization maximum of)

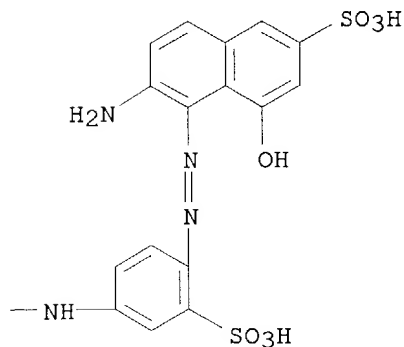
RN 40873-18-5 CAPLUS

CN 2-Naphthalenesulfonic acid, 6-amino-5-[[4-[[3-[[4-[[[4-[(2-amino-8-hydroxy-6-sulfo-1-naphthalenyl)azo]-3-sulfo-phenyl]amino]carbonyl]benzoyl]amino]-4-chlorobenzoyl]amino]-2-sulfo-phenyl]azo]-4-hydroxy- (9CI) (CA INDEX NAME)

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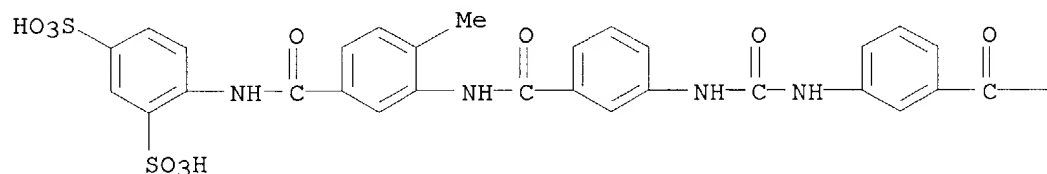


L5 ANSWER 6 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1987:590405 Document No. 107:190405 Inhibition of human immunodeficiency virus type I reverse transcriptase by suramin-related compounds. Jentsch, Klaus Dieter; Hunsmann, Gerhard; Hartmann, Heinz; Nickel, Peter (Abt. Virol. Immunol., Dtsch. Primatenzent., Goettingen, D-3400, Fed. Rep. Ger.). Journal of General Virology, 68(8), 2183-92 (English) 1987. CODEN: JGVIAI. ISSN: 0022-1317.

IT **111129-22-7**  
 RL: BIOL (Biological study)  
 (human immunodeficiency virus reverse transcriptase inhibition by)

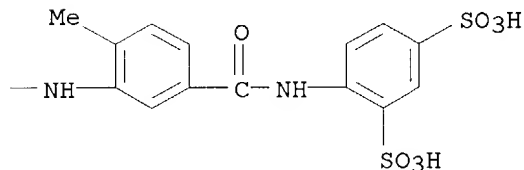
RN 111129-22-7 CAPLUS  
 CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na

PAGE 1-B

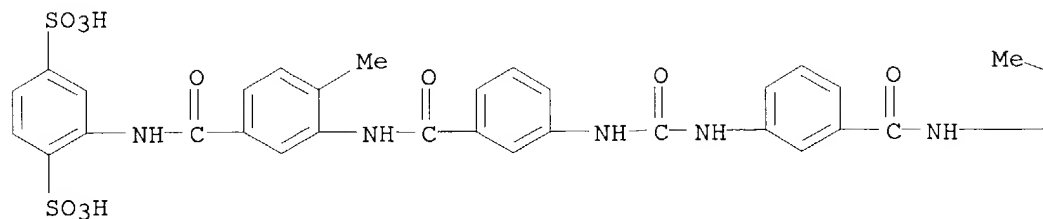


L5 ANSWER 7 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1992:439783 Document No. 117:39783 Naphthalenesulfonic acid derivatives as potential anti-HIV-1 agents. Chemistry, biology and molecular modeling of their inhibition of reverse transcriptase. Mohan, P.; Hopfinger, A. J.; Baba, M. (Coll. Pharm., Univ. Illinois, Chicago, IL, 60680, USA). Antiviral Chemistry & Chemotherapy, 2(4), 215-22 (English) 1991. CODEN: ACCHEH. ISSN: 0956-3202.

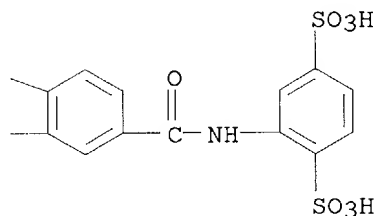
IT **138967-73-4**  
 RL: BIOL (Biological study)  
 (conformational anal. of, anti-HIV-1 reverse transcriptase activity in relation to)

RN 138967-73-4 CAPLUS  
 CN 1,4-Benzenedisulfonic acid, 2,2'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis- (9CI) (CA INDEX NAME)

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L5 ANSWER 8 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1992:623071 Document No. 117:223071 Electrophotographic photoreceptors using novel azo compound as carrier-generating agent. Kono, Toshio; Suda, Osamu; Umezaki, Tetsuhiro; Higashide, Kazuhiro; Komiyama, Nakaji; Sekino, Toshifumi; Hasegawa, Masaru (Dainichiseika Color and Chemicals Mfg. Co., Ltd., Japan). Jpn. Kokai Tokkyo Koho JP 04149448 A2 19920522 Heisei, 9 pp. (Japanese). CODEN: JKXXAF. APPLICATION: JP 1990-272478 19901012.

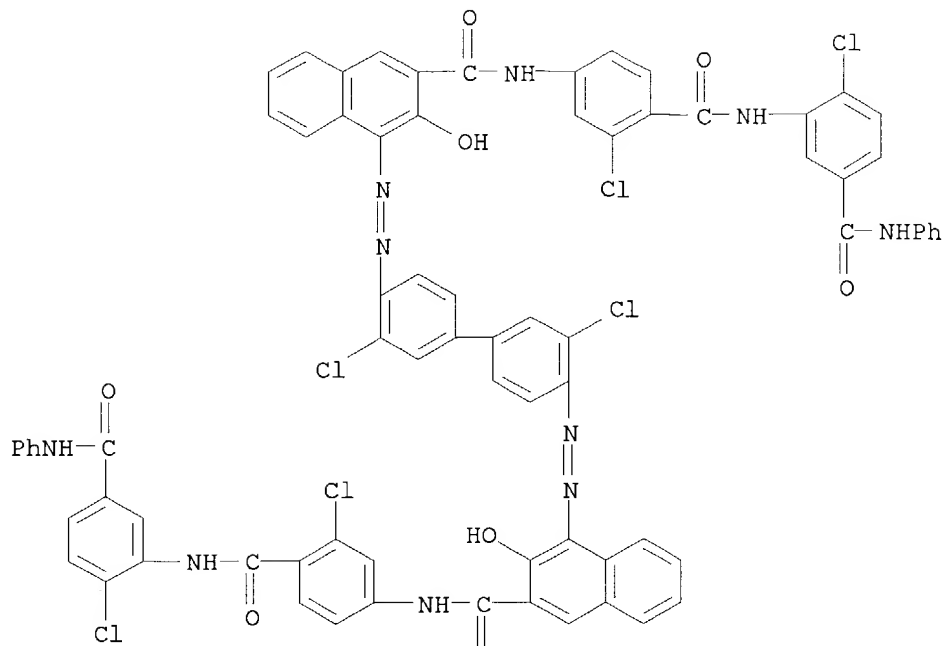
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04149448	A2	19920522	JP 1990-272478	19901012
JP 2903339	B2	19990607		
US 5344736	A	19940906	US 1993-25170	19930302

IT **143886-21-9**  
 RL: USES (Uses)  
 (carrier-generating agent, electrophotog. photoreceptor using)

RN 143886-21-9 CAPLUS

CN 2-Naphthalenecarboxamide, 4,4'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-[3-chloro-4-[[[2-chloro-5-[(phenylamino)carbonyl]phenyl]amino]carbonyl]phenyl]-3-hydroxy- (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 2-A

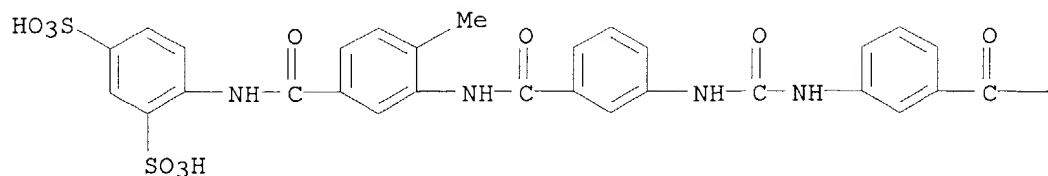


L5 ANSWER 9 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1993:486066 Document No. 119:86066 Use of suramine and related compounds as  
 contraceptive agents. Jones, Robert (British Technology Group Ltd., UK).  
 PCT Int. Appl. WO 9307864 A1 19930429, 21 pp. DESIGNATED STATES: W: AU,  
 CA, JP, KR, US; RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC,  
 NL, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1992-GB1925 19921020.  
 PRIORITY: GB 1991-22477 19911023; GB 1991-24789 19911121.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9307864	A1	19930429	WO 1992-GB1925	19921020
W: AU, CA, JP, KR, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE				
GB 2260701	A1	19930428	GB 1992-21968	19921020
AU 9227908	A1	19930521	AU 1992-27908	19921020

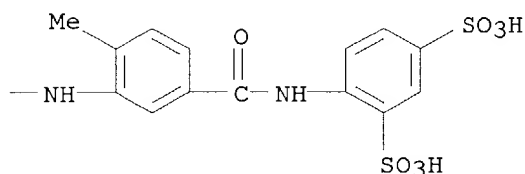
IT **111129-22-7**  
 RL: BIOL (Biological study)  
 (contraceptive agent)  
 RN 111129-22-7 CAPLUS  
 CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-  
 phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-,  
 tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na

PAGE 1-B



L5 ANSWER 10 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1995:916206 Document No. 124:44745 Antiproliferative and angiostatic activity of suramin analogs. Firsching, Angela; Nickel, Peter; Mora, Patricia; Allolio, Bruno (Medizinische Universitätsklinik Wuerzburg, Pharmazeutisches Institut Universität Bonn, Bonn, 53121, Germany). Cancer Research, 55(21), 4957-61 (English) 1995. CODEN: CNREA8. ISSN: 0008-5472. Publisher: American Association for Cancer Research.

IT 20716-59-0, NF 062

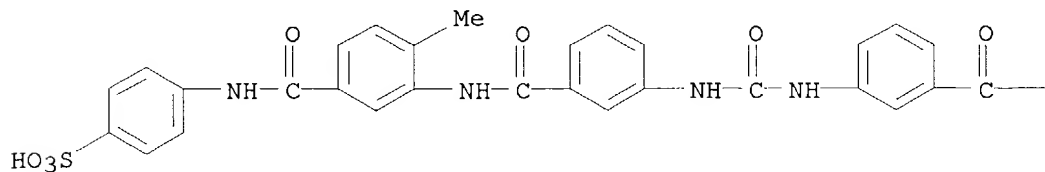
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(suramin analog antiproliferative and angiostatic activity)

RN 20716-59-0 CAPLUS

CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

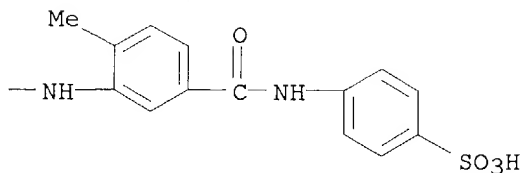
PAGE 1-A



●2 Na



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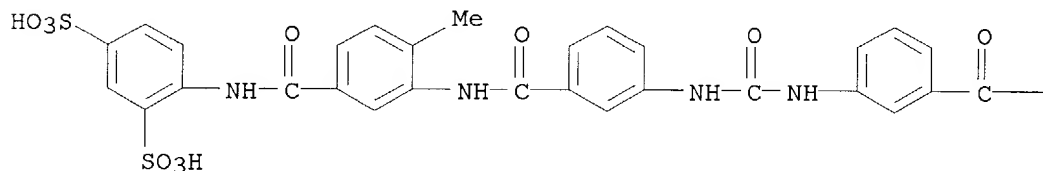
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L5 ANSWER 11 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1996:651032 Document No. 125:317698 Inhibition of sperm-zona binding by  
 suramin, a potential "lead" compound for design of new anti-fertility  
 agents. Jones, Roy; Parry, Richard; Lo Leggio, Leila; Nickel, Peter  
 (Department Signalling, Babraham Institute, Cambridge, CB2 4AT, UK).  
 Molecular Human Reproduction, 2(8), 597-605 (English) 1996. CODEN:  
 MHREFD. ISSN: 1360-9947. Publisher: Oxford University Press.

IT **111129-22-7**, NF 065  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
 study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)  
 (suramin inhibition of sperm-zona binding and design of new  
 antifertility agents)

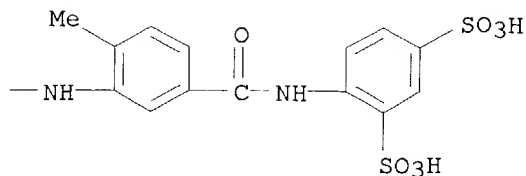
RN 111129-22-7 CAPLUS  
 CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-  
 phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-,  
 tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na

PAGE 1-B



L5 ANSWER 12 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1998:579476 Document No. 129:297991 A trypanosome oligopeptidase as a target  
 for the trypanocidal agents pentamidine, diminazene and suramin. Morty,  
 Rory E.; Troeberg, Linda; Pike, Robert N.; Jones, Roy; Nickel, Peter;  
 Lonsdale-Eccles, John D.; Coetzer, Theresa H. T. (Department of  
 Biochemistry, University of Natal, Scottsville, 3209, S. Afr.). FEBS  
 Letters, 433(3), 251-256 (English) 1998. CODEN: FEBLAL. ISSN: 0014-5793.  
 Publisher: Elsevier Science B.V..

IT 111129-22-7, NF065

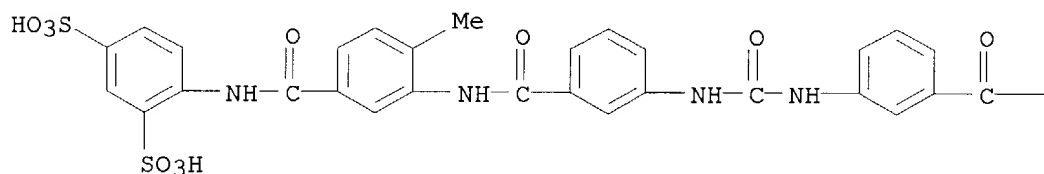
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
 study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES  
 (Uses)

(trypanosome oligopeptidase as a target for the trypanocidal agents  
 pentamidine, diminazene and suramin)

RN 111129-22-7 CAPLUS

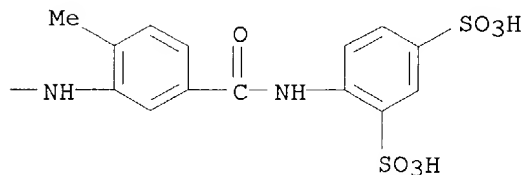
CN 1,3-Benzenedisulfonic acid, 4,4'-[carbonylbis[imino-3,1-  
 phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-,  
 tetrasodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●4 Na

PAGE 1-B



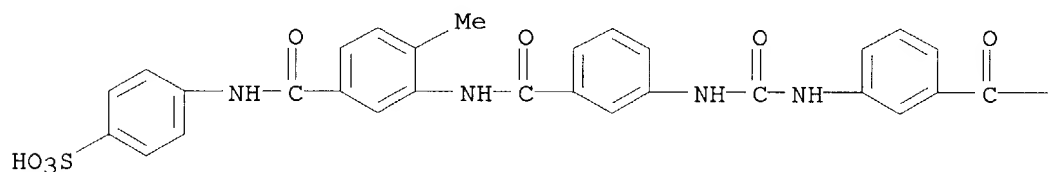
L5 ANSWER 13 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1998:56108 Document No. 128:162545 Antiangiogenic and antiproliferative activity of suramin analogs. Gagliardi, Antonio R. T.; Kassack, Matthias; Kreimeyer, Annett; Muller Guido; Nickel, Peter; Collins, Delwood C. (VA Medical Center, Department Obstetrics/Gynecology, College Medicine, University Kentucky, Lexington, KY, 40536, USA). Cancer Chemotherapy and Pharmacology, 41(2), 117-124 (English) 1998. CODEN: CCPHDZ. ISSN: 0344-5704. Publisher: Springer-Verlag.

IT **20716-59-0**, NF 062  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)  
 (NF 062; antiangiogenic and antiproliferative activity of suramin analogs)

RN 20716-59-0 CAPLUS

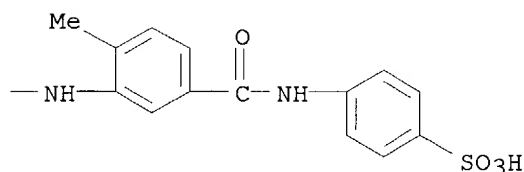
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 1999:421639 Document No. 131:58657 Thiourea and benzamide compounds, compositions and methods of treating or preventing inflammatory diseases and atherosclerosis. Connor, David Thomas; Roark, William Howard; Sexton, Karen; Sorenson, Roderick Joseph (Warner-Lambert Company, USA). PCT Int. Appl. WO 9932433 A1 19990701, 226 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US24688 19981120. PRIORITY: US 1997-68604 19971223. PATENT NO. KIND DATE APPLICATION NO. DATE

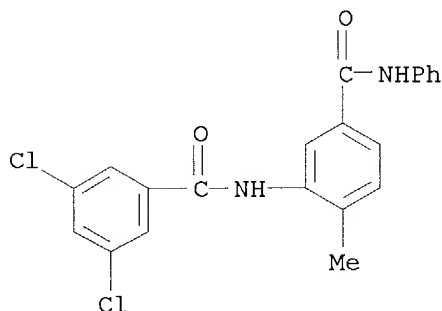
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	AU 9915297	A1	19990712	AU 1999-15297	19981120
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	EP 1042276	A1	20001011	EP 1998-959510	19981120
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	NZ 502963	A	20020628	NZ 1998-502963	19981120
	ZA 9811805	A	19990629	ZA 1998-11805	19981222
	MX 200001870	A	20001109	MX 2000-1870	20000223
	US 6268387	B1	20010731	US 2000-529135	20000405
	US 2001031874	A1	20011018	US 2001-858089	20010515
	US 6528528	B2	20030304		

## IT 228424-99-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of thiourea and benzamide compds. for treating or preventing inflammatory diseases and atherosclerosis)

RN 228424-99-5 CAPLUS

CN Benzamide, 3-[(3,5-dichlorobenzoyl)amino]-4-methyl-N-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 15 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1999:96248 Document No. 130:148689 Phosphonated agents and their antiangiogenic and antitumorigenic use. Collins, Delwood C.; Gagliardi, Antonio R.; Nickel, Peter (University of Kentucky Research Foundation, USA). PCT Int. Appl. WO 9905148 A1 19990204, 74 pp. DESIGNATED STATES: W: AU, CA, JP, MX; RW: AT, BE, CH, ES, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US15470 19980724. PRIORITY: US 1997-899996 19970724.  
PATENT NO. KIND DATE APPLICATION NO. DATE

PI	WO 9905148	A1	19990204	WO 1998-US15470	19980724
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 PT, SE  
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 AU 739637 B2 20011018  
 EP 1019419 A1 20000719 EP 1998-937133 19980724  
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 IE, FI

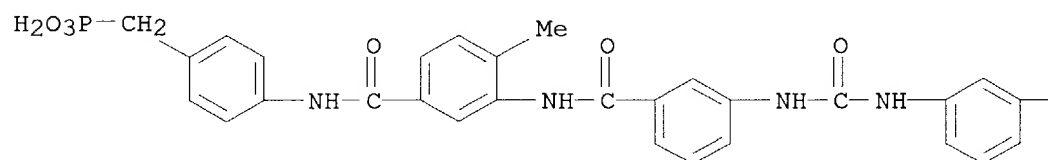
IT **220240-03-9**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
 (phosphonic acid agents and their antiangiogenic and antitumorigenic use)

RN 220240-03-9 CAPLUS

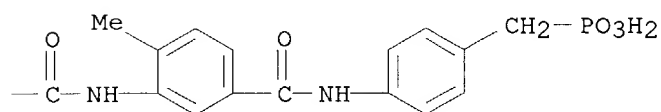
CN Phosphonic acid, [carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino-4,1-phenylenemethylene]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

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=> d 16-21 cbib pi fhitstr

L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:666727 Document No. 133:252450 Preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines.

Brown, Dearg Sutherland (Astrazeneca AB, Swed.). PCT Int. Appl. WO

2000055153 A1 20000921, 145 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC,

ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.  
APPLICATION: WO 2000-GB912 20000313. PRIORITY: GB 1999-6279 19990317; GB  
1999-26667 19991111.

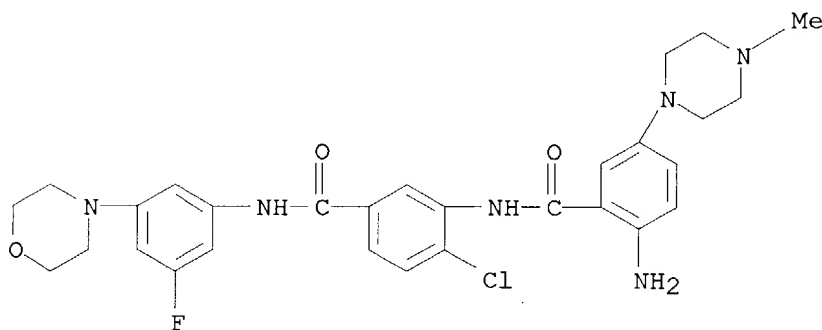
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EP 1163237	A1	20011219	EP 2000-909498	20000313
EP 1163237	B1	20040506		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR 2000009083	A	20020102	BR 2000-9083	20000313
TR 200103336	T2	20020422	TR 2001-200103336	20000313
JP 2002539207	T2	20021119	JP 2000-605582	20000313
AU 761453	B2	20030605	AU 2000-31778	20000313
ZA 2001007536	A	20030818	ZA 2001-7536	20010912
NO 2001004492	A	20011112	NO 2001-4492	20010914

IT **258862-92-9P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT  
(Reactant or reagent)  
(preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating  
diseases mediated by cytokines)

RN 258862-92-9 CAPLUS

CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-(4-methyl-1-piperazinyl)-  
(9CI) (CA INDEX NAME)



L5 ANSWER 17 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:473307 Document No. 133:358889 Molecular modeling of G-protein coupled  
receptor kinase 2: docking and biochemical evaluation of inhibitors.  
Kassack, Matthias U.; Hagger, Petra; Gschwend, Daniel A.; Kameyama,  
Kimihiro; Haga, Tatsuya; Graul, Richard C.; SadAe, Wolfgang (Department of  
Biopharmaceutical Sciences and Pharmaceutical Chemistry, University of  
California San Francisco, San Francisco, CA, 94143-0446, USA). PharmSci

[online computer file], 2(1), No pp. given (English) 2000. CODEN: PHARFY. ISSN: 1522-1059. URL: <http://www.pharmsci.org/journal/processCompTags.htm> 1?jshow=207&referer=www.pharmsci.org%2Fjournal%2Fissues%2Fvol-2-num-1%2Findex.html Publisher: American Association of Pharmaceutical Scientists.

IT **20716-59-0**, NF062

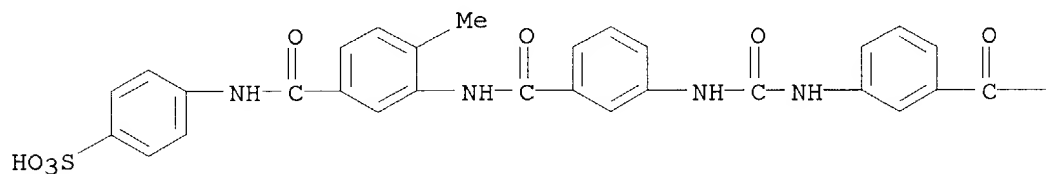
RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)

(mol. modeling of G-protein coupled receptor kinase 2: docking and biochem. evaluation of inhibitors)

RN 20716-59-0 CAPLUS

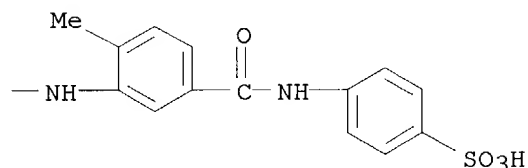
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



● 2 Na

PAGE 1-B



L5 ANSWER 18 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:412290 Document No. 133:173724 G-protein coupled receptor kinases and their inhibitors. Kassack, Matthias U. (Pharmaceutical Institute, University of Bonn, Bonn, 53121, Germany). Expert Opinion on Therapeutic Patents, 10(6), 917-928 (English) 2000. CODEN: EOTPEG. ISSN: 1354-3776. Publisher: Ashley Publications Ltd..

IT **20716-59-0**, NF062

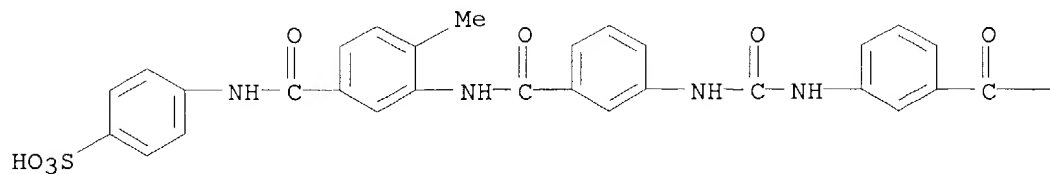
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)

(G-protein coupled receptor kinases and their inhibitors)

RN 20716-59-0 CAPLUS

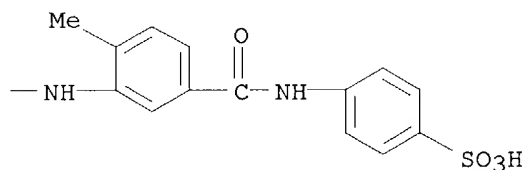
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



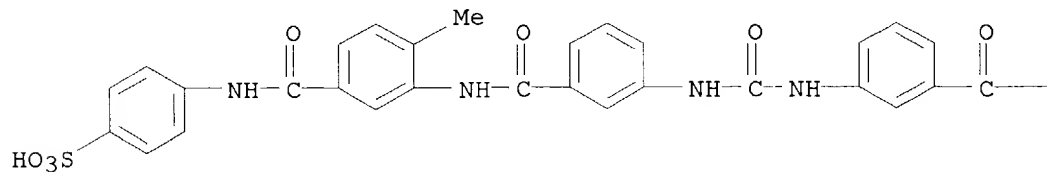
●2 Na

PAGE 1-B



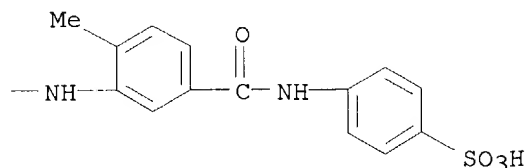
L5 ANSWER 19 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN  
 2000:244268 Document No. 133:37716 Angiostatic effects of suramin analogs in vitro. Firsching-Hauck, Angela; Nickel, Peter; Yahya, Claudia; Wandt, Carla; Kulik, Renate; Simon, Nicola; Zink, Martina; Nehls, Volker; Allolio, Bruno (Endokrinologie, Medizinische Universitätsklinik, Wurzburg, 97080, Germany). Anti-Cancer Drugs, 11(2), 69-77 (English) 2000. CODEN: ANTDEV. ISSN: 0959-4973. Publisher: Lippincott Williams & Wilkins.  
 IT **20716-59-0**, NF 062  
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study) (NF 062; angiostatic effects of suramin analogs in vitro)  
 RN 20716-59-0 CAPLUS  
 CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na





L5 ANSWER 20 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:117019 Document No. 132:166015 Preparation of benzamides as cytokine inhibitors. Brown, Dearg Sutherland; Brown, George Robert (Zeneca Ltd., UK). PCT Int. Appl. WO 2000007980 A1 20000217, 110 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1999-GB2494 19990729. PRIORITY: GB 1998-16837 19980804. PATENT NO. KIND DATE APPLICATION NO. DATE

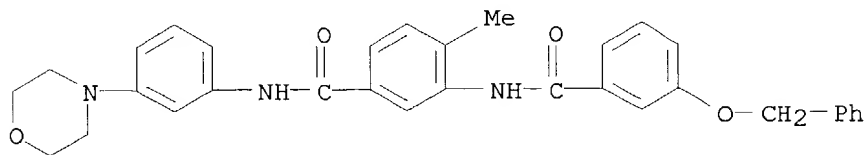
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	AU 9951791	A1	20000228	AU 1999-51791	19990729
	AU 756292	B2	20030109		
	BR 9912726	A	20010502	BR 1999-12726	19990729
	EP 1102743	A1	20010530	EP 1999-936814	19990729
	EP 1102743	B1	20020724		
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	AT 221047	E	20020815	AT 1999-936814	19990729
	PT 1102743	T	20021231	PT 1999-936814	19990729
	ES 2178895	T3	20030101	ES 1999-936814	19990729
	RU 2220951	C2	20040110	RU 2001-105984	19990729
	ZA 2001000617	A	20020122	ZA 2001-617	20010122
	NO 2001000533	A	20010330	NO 2001-533	20010131
	HK 1037608	A1	20021129	HK 2001-108406	20011129

IT **258862-79-2P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)  
(preparation of benzamides as cytokine inhibitors)

RN 258862-79-2 CAPLUS

CN Benzamide, 4-methyl-N-[3-(4-morpholinyl)phenyl]-3-[[3-(phenylmethoxy)benzoyl]amino]- (9CI) (CA INDEX NAME)



L5 ANSWER 21 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

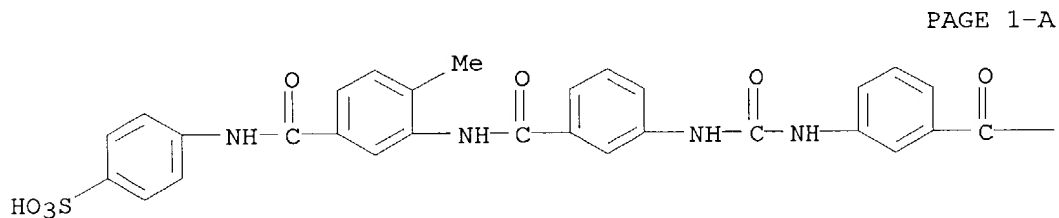
2001:906622 Document No. 136:181222 Interactions between mouse ZP2 glycoprotein and proacrosin; a mechanism for secondary binding of sperm to the zona pellucida during fertilization. Howes, Elizabeth; Pascall, John C.; Engel, Wolfgang; Jones, Roy (Signalling Programme, The Babraham Institute, Cambridge, CB2 4AT, UK). Journal of Cell Science, 114(22), 4127-4136 (English) 2001. CODEN: JNCSAI. ISSN: 0021-9533. Publisher: Company of Biologists Ltd..

IT 20716-59-0, NF062

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(interactions between mouse ZP2 glycoprotein and proacrosin as mechanism for secondary binding of sperm to zona pellucida during fertilization in relation to mimetics of suramin as antifertility agents)

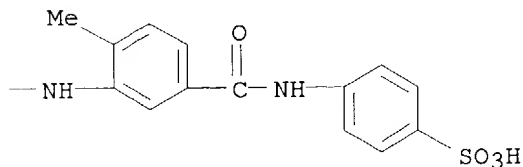
RN 20716-59-0 CAPLUS

CN Benzenesulfonic acid, 4,4'-[carbonylbis(imino-3,1-phenylenecarbonylimino(4-methyl-3,1-phenylene)carbonylimino)]bis-, disodium salt (9CI) (CA INDEX NAME)



●2 Na

PAGE 1-B



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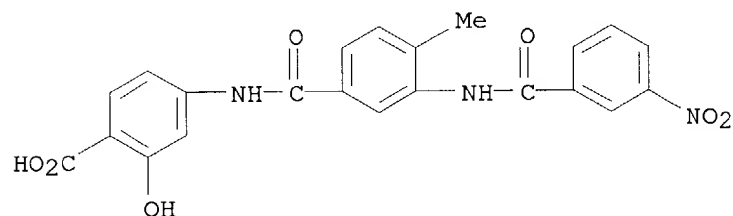
L5 ANSWER 1 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1957:25524 Document No. 51:25524 Original Reference No. 51:5068c-i,5069a-d  
Search for trypanocides. III. Analogs of suramin. Adams, A.; Ashley, J.  
N.; Bader, H. (May & Baker Ltd., Dagenham, UK). Journal of the Chemical  
Society, Abstracts 3739-44 (Unavailable) 1956. CODEN: JCSAAZ. ISSN:  
0590-9791.

IT **112717-77-8**, Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)-  
**115020-63-8**, Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]-  
(preparation of)

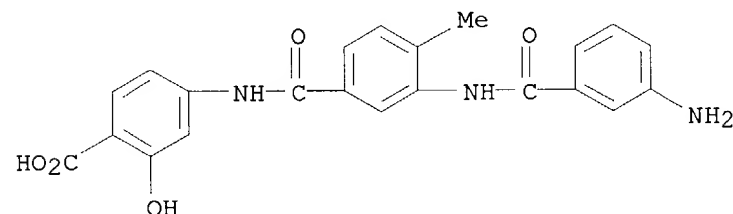
RN 112717-77-8 CAPLUS

CN Salicylic acid, 4-(3-m-nitrobenzamido-p-toluamido)- (6CI) (CA INDEX NAME)



RN 115020-63-8 CAPLUS

CN Salicylic acid, 4-[3-(m-aminobenzamido)-p-toluamido]- (6CI) (CA INDEX NAME)



L5 ANSWER 2 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1968:434327 Document No. 69:34327 Inhibition of staphylococcal  
 $\alpha$ -toxin. The effect of aromatic polysulfonic acids on the lethal  
effect of  $\alpha$ -toxin in mice. Arbuthnott, J. P.; Lominski, I. R. W.;  
Wright, Margaret Robson (Anderson Coll., Glasgow, UK). Biochemical  
Journal, 108(1), 49-55 (English) 1968. CODEN: BIJOAK. ISSN: 0264-6021.

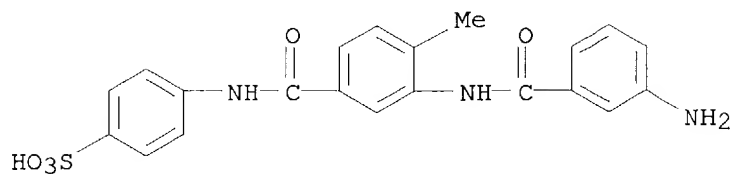
IT **17804-52-3 20716-59-0**

RL: BIOL (Biological study)

(staphylococci  $\alpha$ -toxin lethal action inhibition by)

RN 17804-52-3 CAPLUS

CN Benzenesulfonic acid, 4-[[3-[(3-aminobenzoyl)amino]-4-methylbenzoyl]amino]-  
, monosodium salt (9CI) (CA INDEX NAME)

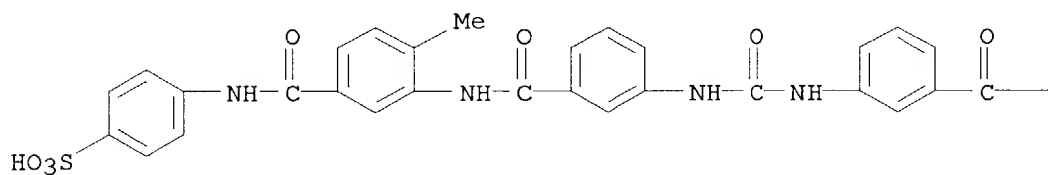


● Na

RN 20716-59-0 CAPLUS

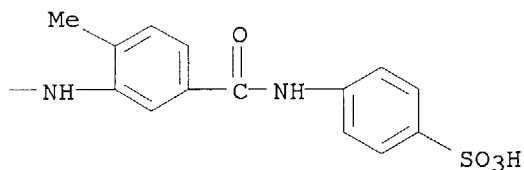
CN Benzenesulfonic acid, 4,4'-[carbonylbis[imino-3,1-phenylene]carbonylimino(4-methyl-3,1-phenylene)carbonylimino]]bis-, disodium salt (9CI) (CA INDEX NAME)

PAGE 1-A



●2 Na

PAGE 1-B



L5 ANSWER 14 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

1999:421639 Document No. 131:58657 Thiourea and benzamide compounds, compositions and methods of treating or preventing inflammatory diseases and atherosclerosis. Connor, David Thomas; Roark, William Howard; Sexton, Karen; Sorenson, Roderick Joseph (Warner-Lambert Company, USA). PCT Int. Appl. WO 9932433 A1 19990701, 226 pp. DESIGNATED STATES: W: AL, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2. APPLICATION: WO 1998-US24688 19981120. PRIORITY: US 1997-68604 19971223. PATENT NO. KIND DATE APPLICATION NO. DATE

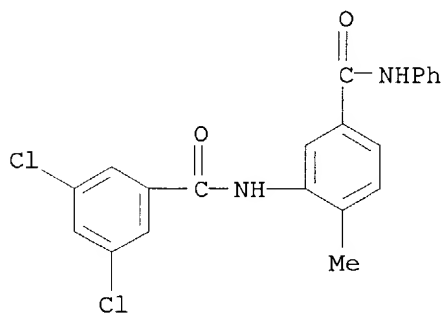
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ZA 9811805 A 19990629 ZA 1998-11805 19981222  
MX 200001870 A 20001109 MX 2000-1870 20000223  
US 6268387 B1 20010731 US 2000-529135 20000405  
US 2001031874 A1 20011018 US 2001-858089 20010515  
US 6528528 B2 20030304

IT **228424-99-5P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(preparation of thiourea and benzamide compds. for treating or preventing inflammatory diseases and atherosclerosis)

RN 228424-99-5 CAPLUS

CN Benzamide, 3-[(3,5-dichlorobenzoyl)amino]-4-methyl-N-phenyl- (9CI) (CA INDEX NAME)



L5 ANSWER 16 OF 21 CAPLUS COPYRIGHT 2004 ACS on STN

2000:666727 Document No. 133:252450 Preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines.

Brown, Dearg Sutherland (Astrazeneca AB, Swed.). PCT Int. Appl. WO 2000055153 A1 20000921, 145 pp. DESIGNATED STATES: W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC,

ML, MR, NE, NL, PT, SE, SN, TD, TG. (English). CODEN: PIXXD2.  
APPLICATION: WO 2000-GB912 20000313. PRIORITY: GB 1999-6279 19990317; GB  
1999-26667 19991111.

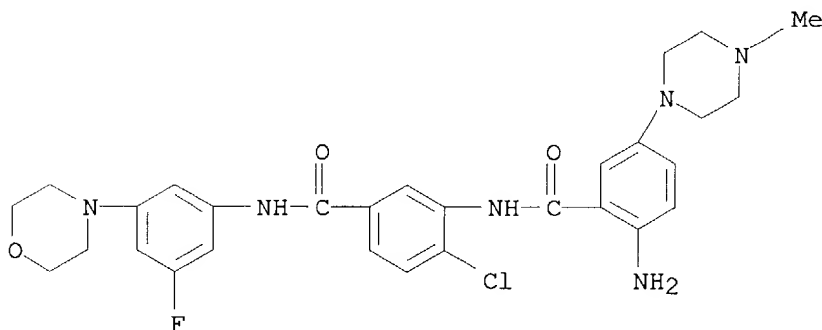
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AU 761453	B2	20030605	AU 2000-31778	20000313
ZA 2001007536	A	20030818	ZA 2001-7536	20010912
NO 2001004492	A	20011112	NO 2001-4492	20010914

IT **258862-92-9P 258862-94-1P 258862-95-2P**  
**258862-96-3P 258862-97-4P 258864-20-9P**  
**258864-21-0P 258864-23-2P 295311-48-7P**  
**295311-49-8P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)  
(preparation of 3-(3-amidophenyl)-3,4-dihydroquinazolin-4-ones for treating diseases mediated by cytokines)

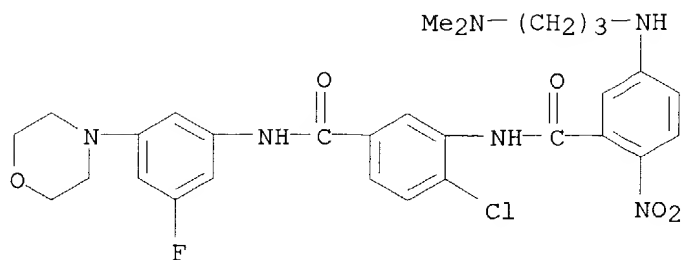
RN 258862-92-9 CAPLUS

CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-(4-methyl-1-piperazinyl)-(9CI) (CA INDEX NAME)

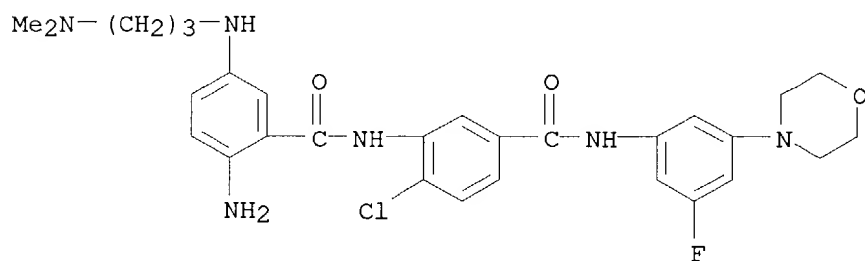


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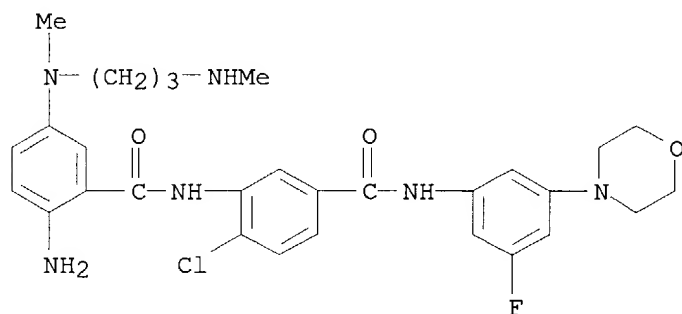
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]amino]-2-nitro-(9CI) (CA INDEX NAME)



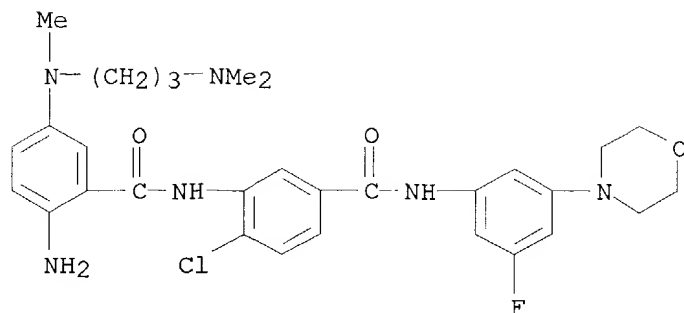
RN 258862-95-2 CAPLUS  
 CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]amino]-(9CI) (CA INDEX NAME)



RN 258862-96-3 CAPLUS  
 CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[methyl[3-(methylamino)propyl]amino]-(9CI) (CA INDEX NAME)

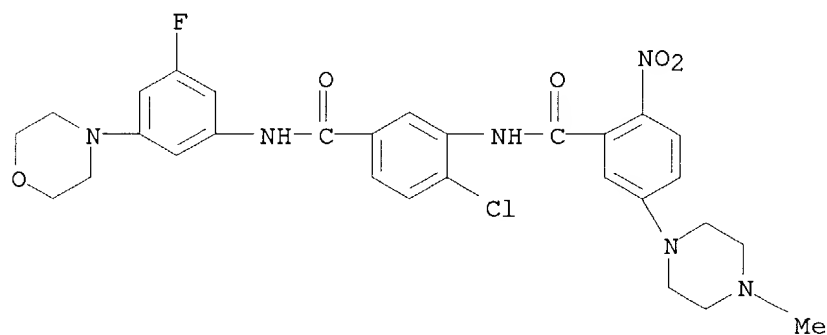


RN 258862-97-4 CAPLUS  
 CN Benzamide, 2-amino-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]methylamino]-(9CI) (CA INDEX NAME)



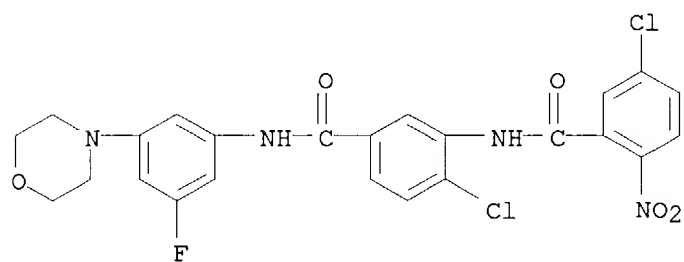
RN 258864-20-9 CAPLUS

CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-(4-methyl-1-piperazinyl)-2-nitro- (9CI) (CA INDEX NAME)



RN 258864-21-0 CAPLUS

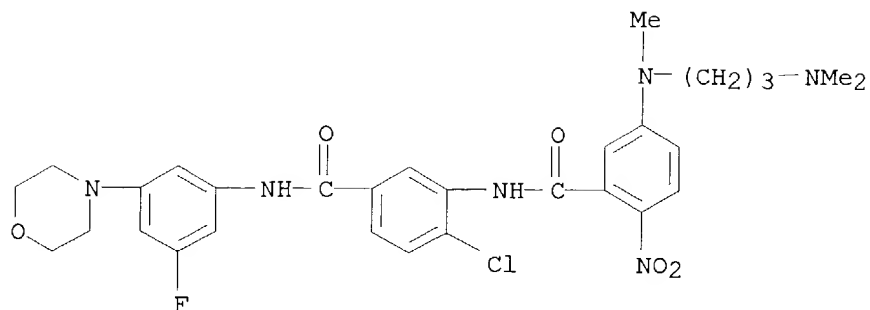
CN Benzamide, 5-chloro-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-2-nitro- (9CI) (CA INDEX NAME)



RN 258864-23-2 CAPLUS

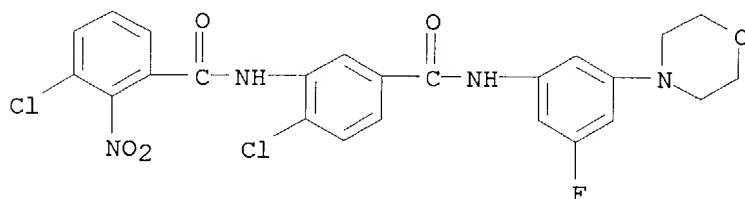
CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-5-[[3-(dimethylamino)propyl]methylamino]-2-nitro- (9CI) (CA INDEX NAME)





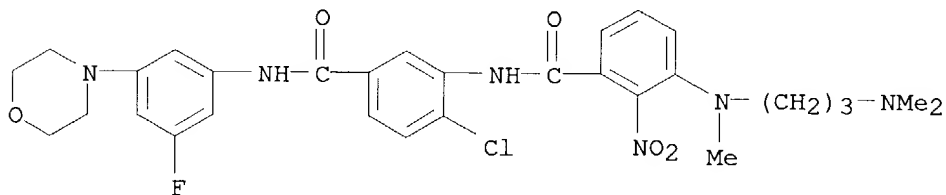
RN 295311-48-7 CAPLUS

CN Benzamide, 3-chloro-N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-2-nitro- (9CI) (CA INDEX NAME)



RN 295311-49-8 CAPLUS

CN Benzamide, N-[2-chloro-5-[[[3-fluoro-5-(4-morpholinyl)phenyl]amino]carbonyl]phenyl]-3-[[3-(dimethylamino)propyl]methylamino]-2-nitro- (9CI) (CA INDEX NAME)



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